

### JournalsDetails:

- 1.SivaramanP andBoopathimanikandan S NovelDesign OfTransformerless SolarPV FarmFor Increasing TheGrid TransmissionLimitsDuringDayAnd NightINTERNATIONALJOURNAL OF SCIENTIFIC 9 2 4886-4892MAR2020
- 2.J.S.SakthiSuriya Raj,P.Sivaraman, P.Prem,A. MatheswaranWideBand Gapsemiconductor material forelectricvehiclechargerElsevierMaterialsToday:Proceedings, 202002916-MAR2020
- 3.BhuvaneswariS, SivaramanP,Anitha N,MatheswaranAOptimized designofpermanentmagnet brushless DcmotorMaterialsToday:Proceedings Elsevier--APR2020
- 4.BhuvaneswariS, sivaramanP,MatheswaranA,Prem P Performanceanalysisofradialandaxialflux permanentmagnetgeneratorforlow-speedwindturbineapplications InternationalJournalofApplied ElectromagneticsandMechanics641 1-19JUN2020
- 5.P.Prem,P.Sivaraman ,J.S. Sakthi SuriyaRaj ,M.JagabarSathik Fastcharging converterand control algorithmforsolarPVbatteryandelectrical gridintegrated electricvehiclecharging stationAutomatika- Journal forControl,Measurement, Electronics,Computing andCommunications614614-625 AUG 2020
- 6.Prem P,Sivaraman P,Dhafer Almakhlles,P. Sanjeevikumar,ZbigniewLeonowicz,Matheswaran A,JagabarSathik M ANew Multilevel InverterTopologywithReduced PowerComponentsfor DomesticSolarPVApplicationsIEEEAccess10.1109/ACCESS.2020.3030721-OCT2020
- 7.Prem P,JagabarSathik,SivaramanP,MatheswaranA, ShadyH.E.AbdelAleemANewAsymmetric Dual SourceMultilevel InverterTopologywithReducedPowerSwitchesJournalofChineseInstituteof Engineers 42 5460-472APR2019
- 8.Sivaraman P,SakthiSuriya RajJS, Matheswaran ARenewableEnergySourceIntegrationWithLinear And Nonlinear ControlTechniquesInternationalJournal ofScientific andTechnologyResearch 8 10 2872 - 2880OCT2019

9.P.Sivaraman, and P.Prem P. R. Controller Design and Stability Analysis of Single Stage T-Source Inverter Based Solar PV System. Journal of Chinese Institute of Engineers 40 3235-245 APR 2017

10.Sivaraman P and Prem P. Power Quality Enhancement In Distributed Generation Systems. Transactions on Engineering and Sciences 4120-23 APR 2016

11.Sivaraman, P. A New Method of Maximum Power Point Tracking for Maximizing the Power Generation from a SPV Plant. Journal of Scientific and Industrial Research (Indexed in ISI Thomson Reuters and Scopus) 74 3411-415 AUG 2015

12.P.Sivaraman and Maniprasad. S. Reduction of EMI in Cuk Converter For Aircraft Application. International Journal of Applied Engineering Research (Indexed in Scopus) 10109586-9590 APR 2015

#### **Conference Details:**

1.Mrs.S.Bhuvaneshwari, Dr.P.Sivaraman, Mrs.N.Anitha, Dr.A.Matheswaran, "Optimized design of Permanent Magnet Brushless DC Motor for Ceiling Fan Applications using Neodymium iron boron materials", International Conference on Advances in Materials Research, Department of Mechanical Engineering, BIT, December 2019

2.Sakthi Suriya Raj JS, Sivaraman P, Prem P, Matheswaran A, "Wide band gap semiconductor for electric vehicle charger", International Conference on Advances in Materials Research (ICAMR), Mechanical Engineering, Bannari Amman Institute of Technology, December 2019

3.Sivaraman P and Boopathi Manikandan, "Performance Analysis and Design of LCL Filter for PV Based Grid Connected Applications", International Conference on Advanced Technology in Electrical Engineering (ICATEE-2019) October 2019, Madurai, October 2019

4.Dr. P.Prem, A.Matheswaran, Dr.P.Sivaraman, "A Cost Effective Solar PV Charge Controller Trainer Module to Provide Hands-on Experience in Solar Energy Management System For Electrical Engineers", International Conference on Materials, Manufacturing and Machining (ICMMM2019), Bannari Amman Institute of Technology, BIT, Sathyamangalam, March 2019

5.Sakthi Suriya Raj and Sivaraman, "Performance comparison between central and Multi string Inverter under different irradiance conditions", International Conference on AISGSC, PSG Tech, Coimbatore, January 2019