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PUBLICATIONS DETAILS:

Sl. No	Details of publications
1	**Boopathi C.S**, Dash S.S, Subramani C, Ramesh R and Sudakaran M., (2013) "Web-Enabled Generalized Architectural Model For Online Power System Analysis," American Journal of Applied Science, (10)9, pp.1093-1101, (SNIP: 1.176)
2	**Boopathi C.S**, Dash S.S, Venkadesan A, Subramani C, and Anil Kumar G.V., (2014) "Identification of Suitable Learning Algorithm for Neural Network Based On-Line Economic Load Dispatch Problem ," International Review of Electrical Engineering, (9)1, pp.200-206, (SNIP: 0.481)
3	**Boopathi C.S**, Dash S.S, Selvakumar K, Venkadesan A, Subramani C and Vamsikrishna. D, (2014) "Unit Commitment Problem with POZ Constraint Using Dynamic Programming Method," International Review of Electrical Engineering, (9)1, pp.218-225, (SNIP: 0.481)
4	**Boopathi C.S**, Venkadesan A, and Dash S.S, (2014) "Comparison of Various Learning Algorithm for Artificial Neural Network Based On-Line Load Flow Analysis," International Review on Modelling and Simulations, (7)2, pp.323-330, (SNIP: 1.278)
5	**Boopathi C.S**, Dash S.S, Venkadesan A and Subramani C, (2015) "Comparison of Single Layer and Multilayer Feed-Forward Architecture for On-Line Economic Load Dispatch Problem" Lecture Notes in Electrical Engineering (Springer), 326, pp. 1273-1279, (SNIP: 0.130)
6	Sattianadan D, LintoThottan, Selvakumar K and **Boopathi C.S**., (2016) "Distributed System Reconfiguration For Energy Losses Reduction With The Consideration of Load Growth, International Journal of Applied Engineering Research, 11(9), pp.6706-6710, (SNIP: 0.26)
7	Sattianadan D, PavanSekhar M, Selvakumar K and **Boopathi C.S**., (2016) "Placement Of Fuel Cell And Wind Turbine In Distributionsystem, International Journal of Applied Engineering Research, 11(9), pp.6711-6715, (SNIP: 0.26)
8	Selvakumar K., Vignesh B., **Boopathi C.S.,** and Kannan T., "Thermal Unit Commitment Strategy Integrated with Solar Energy System" , International Journal of Applied Engineering Research, 11(9), pp.6856-6860, (SNIP: 0.26)

Sl. No	Details of publications
9	K. Selvakumar, **C. S. Boopathi**, C. Sakthivel and T.Venkatesan., (2016) "Design and Implementation of a Converter Model for Hybrid Electric Vehicle Energy Storage System", International Journal of Control Theory and Applications, 9(14), pp. 6787-6795, (SNIP: 1.466)
10	K. Selvakumar, **C.S.Boopathi** and M. Sri Harsha., (2016) "Voltage Stability Assessment Using Artificial Neural Networks" Indian Journal of Science and Technology, 9(38), pp 1-5 (SNIP: 1.289)
11	K. Selvakumar, **C. S. Boopathi**, T. Venkatesan.,(2016) "Emission Constraint Profit Based Unit Commitment Problem using Improved Bacterial Foraging Algorithm", Indian Journal of Science and Technology, 9(42), pp 1-7 (SNIP: 1.289)
12	D. Ragul, K. Selvakumar, **C. S. Boopathi**, K. Raja., (2016) " Power Smoothening of Grid Connected Direct- Driven Permanent Magnet Synchronous Generator (PMSG) Wind Turbines", Indian Journal of Science and Technology, 9(42), pp 1-5 (SNIP: 1.289)
13	K. Selvakumar, K. Vijayakumar, D. Sattianadan, **C. S. Boopathi**., (2016) "Shuffled Frog Leaping Algorithm (SFLA) for Short Term Optimal Scheduling of Thermal Units with Emission Limitation and Prohibited Operational Zone (POZ) Constraints", Indian Journal of Science and Technology, 9(42), pp 1-5 (SNIP: 1.289)
14	Sreejith. S, V. Indragandhi, K. Chandrasekaran, A. Venkadesan and **C.S. Boopathi**., (2016) "Analysis of PV Based Energy Generation System Using Cascaded Multi-level Z-Source Inverter" International Journal of Control Theory and Applications, 9(37), pp. 837-843, (SNIP: 1.466)
15	A. Venkadesan, K. Sedhu Raman, K. Chandrasekaran, **C. S. Boopathi**., (2016) "Artificial Neural Network Based Harmonics Estimator for a Power Electronics Converter" Indian Journal of Science and Technology, 9(42), pp 1-5 (SNIP: 1.289)
16	S.S. Harish, K. Barkavi, **C.S. Boopathi** and K. Selvakumar., (2016) "Modelling and Control of Hybrid Stepper Motor", International Journal of Control Theory and Applications, 9(37), pp. 741-749,
17	A. Venkatesan**, C.S. Boopathi** and K. Selvakumar., (2016) "Investigation of Various NN Models for Power Flow Analysis with Line Outage" International Journal of Control Theory and Applications, 9(37), pp. 751-760,
18	D. Sattianadan, K. Selvakumar and **C.S. Boopathi**., (2016) "Application of Short Term Load Forecasting for Optimal Selection and Sizing of DG in Distribution System" International Journal of Control Theory and Applications, 9(37), pp. 897-908,
19	D.Sattianadan, V.Kubendran, S.Vidyasagar and **C.S.Boopathi**., (2016) "Enhancement of Power Quality using PV Fed D-Statcom", Indian Journal of Science and Technology, 9(S1), pp 1-5
20	Selvakumar K , Vijayakumar K, **C.S.Boopathi**., (2017) "Demand Response Unit Commitment problem solution for maximizing GENCO's Profit ", Energies, 10(10), 1465; doi:10.3390/en10101465 ; 22 September 2017 (SCI Impact Factor: 2.262)
21	**Boopathi CS.,**Selvakumar K., and AvisekDutta (2017) "Enhancing The LVRT Capability and Mitigation of Power Quality Issues Using UPQC of a Grid Connected Wind Conversion System", Indonesian Journal of Electrical Engineering and Computer Science, 7(3), pp. 643-654 (SNIP: 0.24)
22	Selvakumar K , Vijayakumar K, **C.S.Boopathi**, (2017) "CSO based solution for load kickback effect in deregulated power system", Applied Sciences, 7(11), 1127; doi:10.3390/app7111127;1Nov 2017 (SCI Impact Factor: 1.679)

Sl. No	Details of publications
23	Aparna A. Nair, I.S. Amiri, **C.S. Boopathi**, S. Karthikumar, M. Jayaraju, P. Yupapin, (2018) "Numerical investigation of co-doped microstructured fiber with two zero dispersion wavelengths", Results in Physics(Elsevier) ,10, 766-771; https://doi.org/10.1016/j.rinp.2018.07.032; 31 July 2018 (SCI Impact Factor: 2.147)
24	K.C.Ramya, K.Vinoth Kumar, K.Geetha, **C.S.Boopathi** (2018) "Design of D shaped plasmon–photonic crystal fiber for bio sensing application", Results in Physics (Elsevier) , 10, 993-994; https://doi.org/10.1016/j.rinp.2018.08.020; 14 August 2018 (SCI Impact Factor: 2.147)
25	C.Sakthivel, T.Venkatesan, K.Selvakumar, **C.S.Boopathi** (2018) "Power Quality Improvement Using DVR Based on DFCM Converter" Journal of Advanced Research in Dynamical and Control Systems, 10(10)-Special Issue (SNIP: 0.135)
26	**C.S. Boopathi**, K. Vinoth Kumar, S. Sheebarani, K. Selvakumar, Ahmed NabihZakiRashed and P Yupapin (2018) "Design of human blood sensor using symmetric Dual Core Photonic Crystal Fiber", Results in Physics (Elsevier) , 11, 964-965; https://doi.org/10.1016/j.rinp.2018.10.065; 05 Nov 2018 (SCI Impact Factor: 2.147)
27	V.S. Revathy, **C.S. Boopathi**, K. Selvakumar, Kulandaisamy S. Joseph Wilson, Sofyan A Taya, Arafa H Aly,M.S. Mani Rajan(2019) "Nonlinear polarization in metal nanocomposite system based Photonic crystals", Optik (Elsevier),176, 78-84; https://doi.org/10.1016/j.ijleo.2018.09.038; (SCI Impact Factor: 1.191)
28	Aparna A. Nair, **C.S. Boopathi**, M. Jayaraju, M.S. Mani Rajan(2019) "Numerical investigation and analysis of flattened dispersion for supercontinuum generation at very low power using Hexagonal shaped Photonic crystal fiber (H-PCF)", Optik (Elsevier),179, 718-725; https://doi.org/10.1016/j.ijleo.2018.11.021; (SCI Impact Factor: 1.191)
29	P. Muruganantham, J. Prakash, S. Vidyasagar, **C.S. Boopathi**, Iraj S. Amiri (2019) "Design of polarization splitter using elliptically dual core – Cladding photonic crystal fiber", Results in Physics (Elsevier) , 13, In press; https://doi.org/10.1016/j.rinp.2019.102279; 11 April 2019 (SCI Impact Factor: 2.147)
30	Sridhar R, **Boopathi C.S**, Deepanjali Das, SakshiAgrawal, HardikChoubisa (2019) "An ingenious invasive weed optimization (IWO) aided maximum power tracking for partially shaded photovoltaic array", Indonesian Journal of Electrical Engineering and Computer Science, 15(2), pp. xxx-xxx (SNIP: 0.51)
31	Dr.C.S.Boopathi, SoutreyoSaha, Anvita Singh, SoumyajeetSinha (2019) "Regenerative Braking in Electric Vehicles", International Journal of Recent Technology and Engineering(TM), Scopus Index Journal, Accepted for publication, (SNIP: 0.17)