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LIST OF PUBLICATION

1. S Syed Rafiammal, D Najumnissa Jamal, S Kaja Mohideen, Reconfigurable Hardware Design for Automatic Epilepsy Seizure Detection using EEG Signals, Engineering, Technology & Applied Science Research, 2020, vol 10, issue 3, pp 5803-5807

2. Nabeena Ameen, D. Najumnissa Jamal, L.Arun Raj, Optimized Dual Path Analysis Using Finite Automata Theory in Wireless Sensor Networks, International Journal of Intelligent Unmanned Systems, DOI: 10.1108/IJIUS-11-2019-0060, ISSN 2049 – 6427.May 2020.SCI – Impact factor 1.17

3. Najumnissa.D, Murshitha Shajahan M.S., Mohammed Salman. J, Design of angle measuring device for Synovial Joint Applications, GEDRAG & ORGANISATIE Review, volume 33, issue 2, June 2020, eISSN0921-5077 /1875-7235

4. Nabeena Ameen, D. Najumnissa, L. Arun Raj., "Optimized Routing Protocols for Data Monitoring in Wireless Sensor Network", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019, pp. 204-214., DOI:10.35940/ijrte.C3934.098319.

5. MurshithaShajahan M.S., Najumnissa D., Aparna V., "Controller design using quantitative feedback theory for thermal power plant process", Case Studies in Thermal Engineering, Elsevier Publications, Vol 14, 2019, available online 5th April 2019, SJR – 1.15, IF- 1.899 https://doi.org/10.1016/j.csite.2019.100441

6. Mohammed Asith N, Mohamed Thawfiq S, Pavan Kumar V, Aadhirai.S, Najumnissa Jamal D., "Ultrasound Renal Abnormalities detection using ANN and Scale Invariant feature Transform", International Journal of Science, Engineering and Management (IJSEM), Vol 4, Issue 10, October 2019, ISSN (Online) 2456 -1304. Google Scholar indexed

7. S. Syed Rafiammal, D. Najumnissa, G. Anuradha, S. Kaja Mohideen, P. K. Jawahar, Syed Abdul Mutalib, "A Low Power and High Performance Hardware Design for Automatic Epilepsy Seizure Detection", INTL Journal Of Electronics and Telecommunications, 2019, Vol. 65, No. 4, pp. 707-712 DOI: 10.24425/ijet.2019.130254. SJR- 0.79

8. Nabeena Ameen, D. Najumnissa, L. Arun Raj., "Comparative analysis of energy based optimized dynamic source multipath routing protocol in WSNs", Indonesian Journal of Electrical Engineering and Computer Science, Vol. 16, No. 1, October 2019, pp. 441~455., DoI: 10.11591/ijeecs.v16.i1. pp441-455 ISSN: 2502-4752 SJR- 0.36

9. Lakshmanaprabu S.K. Najumnissa Jamal D , Multiloop FOPID Controller Design for TITO Process Using Evolutionary Algorithm, International Journal of Energy Optimization and Engineering (IJEOE) 8 (3), DOI: 10.4018/IJEOE.2019070107 (Web of science indexed Journal.) Clarivate analytics indexed.2019

10. Murshitha Shajahan M.S., Najumnissa D., Aparna V., M.K.A. Ahamed Khan, "Control of electric power generation of thermal power plant in TamilNadu", Case Studies in Thermal Engineering,

Elsevier Publications, Vol 12, September 2018, pp 728-735, https://doi.org/10.1016/j.csite.2018.08.008 (SNIP 1.899, SJR0.991)

11. Pushpa,B and Najumnissa Jamal D, P/ EIE , "Correlation Analysis and Modeling of EEG – EMG Signal for Startle-Induced Seizures", at the Online Journal of Biological Sciences, December, 2017

12. S.K.Lakshmanaprabu and D.Najumnissa Jamal, P/ EIE , "Bat Algorithm Based Parameter Identification of Second Order system using step response", at the International Journal of Pure and Applied Mathematics, Vol 117, No 15 , 1031 – 1042, December, 2017

13. D.Najumnissa , Pushpa, and Syed Rafiammal" Feature Selection and Detection of Epileptic Seizure EEG Signals using EMD and PSO," International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.59 (2015) © Research India Publications;http://ripublication.com/Volume

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15. D. Najumnissa and T.R.Rangaswamy, "Comparison of Intelligent Computing Techniques for Classification of Clinical EEG signals, European Journal for Biomedical Informatics, in the special Issue on Applications of computational techniques in Infectious diseases and clinical research, EJBI 2013, ISSN 1801-5603, Volume 9, Issue 2, 2013 on 30.8.13

16. S.Shahul Hamid, D.Najumnissa Jamal and M.S. Murshitha Shajahan, "Automatic Detection and Analysis of Boiler Tube Leakage System, International Journal of Computer Applications (0975 – 8887), Volume 87, No.16, pp. 19-23, December, 2013. ISBN : 973-93-80879-36-7

17. D. Najumnissa and T.R.Rangaswamy, "Detection and Classification of Epileptic Seizures using Wavelet feature extraction and Adaptive Neuro-Fuzzy Inference System", International Journal of Computational Engineering and Research( IJCER), May-June 2012 , Vol. 2 , Issue No.3 , pp 755-761

18. D. Najumnissa and S. Shenbagadevi, "An approach to Automated Classification of Epileptic Seizures using Artificial Neural Network", Int. J. Biomedical Engineering and Technology , Vol. 2, No. 4, 2009, pp 382-399. https://doi.org/10.1504/IJBET.2009.027801

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