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Publication:

1. K BASKARAN, G SUGUMARAN,”Job Satisfaction and Impact on Teaching Faculties in Higher Educational Institutions in Vellore District of Tamil Nadu With Reference to Arts and Science Colleges-A Management “...,Studies in Indian Place Names 40 (1), 1290-1298,2020.

2. EPK Gilbert, M Lydia, K Baskaran, EB Rajsingh,”Trust aware fault tolerant prediction model for wireless sensor network based measurements in Smart Grid environment”,Sustainable Computing: Informatics and Systems 23, 29-37, 2019.

3. SS Banu, K Baskaran,”Performance Analysis of Immense Preference Data Forwarding (IPDF) Scheme incorporated with Constructive Time Slot Allocation in IEEE 802.15. 4 for Wireless Body Area Networks”2019 International Conference on Communication and Electronics Systems,2019

4. V Santhosh, K Baskaran, K Santha, S Sethupathy,”Enhanced P16INK4A Expression In Cervical Cancer Among HPV Infected Women”,International Journal of Chemical and Lifesciences 3 (3), 1301-1305,2019.

5. V Radhika, K Baskaran,”High resolution DPWM clustered architecture for digitally controlled DC–DC converter using FPGA,Cluster Computing 22 (2), 4421-4430,2019.

6. K Baskaran, PK Kumar, K Santha, I Sivakamasundari,”Cofactors and Their Association with Cancer of the Uterine Cervix in Women Infected with High-Risk Human Papillomavirus in South India”,Asian Pacific journal of cancer prevention: APJCP 20 (11), 3415, 2019.

7. KN Durai, K Baskaran,"Decision tree classification-N tier solution for preventing SQL injection attack on websites",International Journal of Enterprise Network Management 10 (3-4), 253-271,2019.
8. EPK Gilbert, K Baskaran, EB Rajsingh, M Lydia, AI Selvakumar,"Trust aware nature inspired optimised routing in clustered wireless sensor networks",International Journal of Bio-Inspired Computation 14 (2), 103-113, 2019.
9. PCN Shri, K Baskaran,"An Efficient FPGA-Based Shunt Active Filter for Power Quality Enhancement",Emerging Trends in Expert Applications and Security, 719-724,2019.
10. EPK Gilbert, B Kaliaperumal, EB Rajsingh, M Lydia,"Trust based data prediction, aggregation and reconstruction using compressed sensing for clustered wireless sensor networks",Computers & Electrical Engineering 72, 894-909, 2018.
11. SS Banu, K Baskaran,"Hybrid FGWO based FLCs modeling for performance enhancement in wireless body area networks",Wireless Personal Communications 100 (3), 1163-1199,2018.
12. KC Sriharipriya, K Baskaran,"Optimal number of cooperators in the cooperative spectrum sensing schemes",Circuits, Systems, and Signal Processing 37 (5), 1988-2000, 2018.
13. K Baskaran, SK Prabhu,"Method and system for facilitating authentication",US Patent App. 15/557,596,2018.
14. P Selvi, K Baskaran,"Enhanced Energy Saving Tree Based Clustering with Multiple Input and Multiple Output",Journal of Computational and Theoretical Nanoscience 15 (3), 773-780, 2018.
15. J Sujitha, K Baskaran,"Genetic grey wolf optimizer based channel estimation in wireless communication system",Wireless Personal Communications 99 (2), 965-984, 2018.
16. K Baskaran, SK Prabhu,"Methods and systems for facilitating secured access to storage devices,US Patent App. 15/557,512, 2018.

17. K Baskaran, PK Kumar, K Santha, I Sivakamasundari,"Association of estrogen and progesterone with cancer of the uterine cervix in women infected with high-risk human papillomavirus",J Med Sci Res 6 (3), 74-79,2018.
18. K Baskaran, R Malathi, P Thirusakthimurugan,"Feature fusion for FDG-PET and MRI for automated extra skeletal bone sarcoma classification",Materials Today: Proceedings 5 (1), 1879-1889, 2018.
19. J Kaliannan, A Baskaran, N Dey, AS Ashour, BK Sahu, S Pati, ..., "Optimization of 5.5 GHz CMOS LNA parameters using firefly algorithm",Bio-Inspired Algorithms in PID Controller Optimization 27 (4), 1-10,2018.
20. V Radhika, K Baskaran,"SCADA Based Intelligent Control and Monitoring of Bottle Filling System", Taga journal, vol. 14,2018.
21. V Radhika, K Baskaran,"Block-Random Access Memory-Based Digital Pulse Modulator Architecture for DC–DC Converters",Intelligent and Efficient Electrical Systems,Springer , 35-45,2018
22. K Jagatheesan, B Anand, K Baskaran, N Dey, AS Ashour, VE Balas,"Effect of nonlinearity and boiler dynamics in automatic generation control of multi-area thermal power system with proportional-integral-derivative and ant colony optimization ...",Recent advances in nonlinear dynamics and synchronization, 89-110,2018
- 23.J Sujitha, K Baskaran,"Blind Channel Estimation Based Linear Precoding using MIMO-OFCDM",Wireless Personal Communications 97 (4), 5969-5981,2017.
24. SS Banu, K Baskaran,"Time stationed traffic prioritization protocol for wireless body area network (WBAN)--modeling and energy consumption analysis",Advances in Natural and Applied Sciences 11 (9), 10-17,2017.
25. N Kaleeswari, K Baskaran,"An optimized secure data gathering scheme for wireless sensor network",
Journal of Computational and Theoretical Nanoscience 14 (3), 1653-1660,2017.

26. Kr Baskaran, V Vijilesh, R Nedunchezian,"Combining Intelligent Web Cach-Ing With Web Pre-Fetching Techniques To Predict Tourist Places",International Journal of Pure and Applied Mathematics 116 (12), 97-105,2017
27. GEP Kumar, K Baskaran, RE Blessing, M Lydia," Securing the smart grid network: A review", 2016 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC),1-6.
28. V Radhika, K Baskaran," FPGA based DPWM/DPFM architecture for digitally controlled dc-dc converters", 2016 IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics Engineering (UPCON),78-82,2016.
29. G Kumar, K Baskaran, RE Blessing, M Lydia," Evaluation Of Hybrid Trust Models Using Ant Colony Optimization In Wireless Sensor Networks.", International Journal on Smart Sensing & Intelligent Systems,Vol. 9 (3),2016.
30. G Kumar, K Baskaran, RE Blessing, M Lydia," A Comprehensive Review On The Impact Of Compressed Sensing In Wireless Sensor Networks", International Journal on Smart Sensing & Intelligent Systems,Vol. 9 (2),2016.
31. V Radhika, K Baskaran," Hybrid digital pulse width modulator architecture using FPGA", 2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT),"123-126.
32. MS Sangari, K Baskaran," Secured Efficient Fast Handover Multihoming Based NEMO+ (SEFMNEMO+) for Vanets",Circuits and Systems 7 (4), 239-254,2016.
33. KR Baskaran, C Kalaiarasan," Design of a Fuzzy Networked Control Systems. Improved Performance by Combining Web Pre-Fetching Using", International Journal of Computers, Communications & Control Vol.11 (2),2016.
34. KR Baskaran, C Kalaiarasan," Improved Performance by Combining Web Pre-Fetching Using Clustering with Web Caching Based on SVM Learning Method",International Journal of Computers Communications & Control,Vol. 11 (2), 67-178,2016.

35. KC Sriharipriya, PC Preethi, K Baskaran, "Enhancement of mean energy efficiency in cognitive radio channels", 10th International Conference on Intelligent Systems and Control (ISCO),1-5,2016.
36. Krishnan Baskaran, P Kranthi Kumar, Santha Karunanithi, Subramanian Sethupathy, B Thamaraiselvi, S Swaruparani," Detection of high-risk human papillomaviruses in the prevention of cervical cancer in India", Asian Pacific Journal of Cancer Prevention 16 (18), 8187-8190,2016.
37. J Sujitha, K Baskaran, "Performance Of Blind Multiuser Detection In Frequency Selective Fading Channel Using Ofcdm", Int J Adv Engg Tech/Vol. VII/Issue II/April-June,Vol. 848,pages. 855,2016.
38. K Jagatheesan, B Anand, K Baskaran, N Dey," Evolutionary computational technique in automatic generation control of multi-area power systems with nonlinearity and energy storage unit", Advances in Chaos Theory and Intelligent Control, 655-680,2016.
39. K Baskaran, K Muthulakshmi," On the construction of localised topology structures in wireless networks", International Journal of Information and Communication Technology 9 (4), 408-419,2016.
40. GK Ragesh, K Baskaran," Cryptographically Enforced Data Access Control in Personal Health Record Systems", Procedia Technology 25, 473-480,2016.
41. M Nirmala, K Baskaran," Improved Grid Fault Ride through capability of DFIG using Fuzzy controlled Dual Output Converter", Asian Journal of Research in Social Sciences and Humanities 6 (8), 2357-2376,2016.
42. K Malarvizhi, K Baskaran, R Mahalakshmi," Mitigation of Voltage Deviations in FSIGs using CHB-Multi-Level Converter based STATCOM", Asian Journal of Research in Social Sciences and Humanities 6 (5), 635-648,2016.
43. V Radhika, K Baskaran," FPGA-Based High-Frequency Digital Pulse Width Modulator Architecture for DC-DC Converters", Circuits and Systems 7 (04), 464,2016.