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List of Publication for Past 5 Years:

S.No	Title	Year
1	Trust aware fault tolerant prediction model for wireless sensor network based measurements in Smart Grid environment EPK Gilbert, M Lydia, K Baskaran, EB Rajsingh Sustainable Computing: Informatics and Systems 23, 29-37	2019
2	Enhanced P16INK4A Expression In Cervical Cancer Among HPV Infected Women V Santhosh, K Baskaran, K Santha, S Sethupathy International Journal of Chemical and Lifesciences 3 (3), 1301-1305	2019
3	High resolution DPWM clustered architecture for digitally controlled DC–DC converter using FPGA V Radhika, K Baskaran Cluster Computing 22 (2), 4421-4430	2019
4	Cofactors and Their Association with Cancer of the Uterine Cervix in Women Infected with High-Risk Human Papillomavirus in South India K Baskaran, PK Kumar, K Santha, I Sivakamasundari Asian Pacific journal of cancer prevention: APJCP 20 (11), 3415	2019
5	Decision tree classification-N tier solution for preventing SQL injection attack on websites KN Durai, K Baskaran International Journal of Enterprise Network Management 10 (3-4), 253-271	2019
6	Trust aware nature inspired optimised routing in clustered wireless sensor networks EPK Gilbert, K Baskaran, EB Rajsingh, M Lydia, AI Selvakumar International Journal of Bio-Inspired Computation 14 (2), 103-113	2019
7	An Efficient FPGA-Based Shunt Active Filter for Power Quality Enhancement PCN Shri, K Baskaran Emerging Trends in Expert Applications and Security, 719-724	2019
8	Trust based data prediction, aggregation and reconstruction using compressed sensing for clustered wireless sensor networks EPK Gilbert, Baskaran Kaliaperumal, EB Rajsingh, M Lydia Computers & Electrical Engineering 72, 894-909	2018
9	Hybrid FGWO based FLCs modeling for performance enhancement in wireless body area networks SS Banu, K Baskaran Wireless Personal Communications 100 (3), 1163-1199	2018

10	Optimal number of cooperators in the cooperative spectrum sensing schemes KC Sriharipriya, K Baskaran Circuits, Systems, and Signal Processing 37 (5), 1988-2000	2018
11	Enhanced Energy Saving Tree Based Clustering with Multiple Input and Multiple Output P Selvi, K Baskaran Journal of Computational and Theoretical Nanoscience 15 (3), 773-780	2018
12	Genetic grey wolf optimizer based channel estimation in wireless communication system J Sujitha, K Baskaran Wireless Personal Communications 99 (2), 965-984	2018
13	Feature fusion for FDG-PET and MRI for automated extra skeletal bone sarcoma classification K Baskaran, R Malathi, P Thirusakthimurugan Materials Today: Proceedings 5 (1), 1879-1889	2018
14	Blind Channel Estimation Based Linear Precoding using MIMO-OFCDM J Sujitha, K Baskaran Wireless Personal Communications 97 (4), 5969-5981	2017
15	Time stationed traffic prioritization protocol for wireless body area network (WBAN)--modeling and energy consumption analysis SS Banu, K Baskaran Advances in Natural and Applied Sciences 11 (9), 10-17	2017
16	An optimized secure data gathering scheme for wireless sensor network N Kaleeswari, K Baskaran Journal of Computational and Theoretical Nanoscience 14 (3), 1653-1660	2017
17	COMBINING INTELLIGENT WEB CACH-ING WITH WEB PRE-FETCHING TECHNIQUES TO PREDICT TOURIST PLACES KR BASKARAN, V VIJILESH, R NEDUNCHEZHIAN International Journal of Pure and Applied Mathematics 116 (12), 97-105	2017
18	EVALUATION OF HYBRID TRUST MODELS USING ANT COLONY OPTIMIZATION IN WIRELESS SENSOR NETWORKS. G Kumar, K Baskaran, RE Blessing, M Lydia International Journal on Smart Sensing & Intelligent Systems 9 (3), 1243 - 1260	2016
19	A COMPREHENSIVE REVIEW ON THE IMPACT OF COMPRESSED SENSING IN WIRELESS SENSOR NETWORKS. G Kumar, K Baskaran, RE Blessing, M Lydia International Journal on Smart Sensing & Intelligent Systems 9 (2), 818 – 844.	2016
20	Secured Efficient Fast Handover Multihoming Based NEMO+ (SEFMNEMO+) for Vanets MS Sangari, K Baskaran Circuits and Systems 7 (4), 239-254	2016
21	Improved Performance by Combining Web Pre-Fetching Using Clustering with Web Caching Based on SVM Learning Method KR Baskaran, C Kalaiarasan International Journal of Computers Communications & Control 11 (2), 67-178	2016

22	Detection of high-risk human papillomaviruses in the prevention of cervical cancer in India K Baskaran, PK Kumar, S Karunanithi, S Sethupathy, B Thamaraiselvi, S Swaruparani Asian Pacific Journal of Cancer Prevention 16 (18), 8187-8190	2016
23	PERFORMANCE OF BLIND MULTIUSER DETECTION IN FREQUENCY SELECTIVE FADING CHANNEL USING OFCDM J Sujitha, K Baskaran International Journal Advanced Engineering Technology,Vol. VII/Issue II/April-June 848, 855	2016
24	On the construction of localised topology structures in wireless networks K Baskaran, K Muthulakshmi International Journal of Information and Communication Technology 9 (4), 408-419	2016
25	Cryptographically Enforced Data Access Control in Personal Health Record Systems GK Ragesh, K Baskaran Procedia Technology 25, 473-480	2016
26	Improved Grid Fault Ride through capability of DFIG using Fuzzy controlled Dual Output Converter M Nirmala, K Baskaran Asian Journal of Research in Social Sciences and Humanities 6 (8), 2357-2376	2016
27	Mitigation of Voltage Deviations in FSIGs using CHB-Multi-Level Converter based STATCOM K Malarvizhi, K Baskaran, R Mahalakshmi Asian Journal of Research in Social Sciences and Humanities 6 (5), 635-648	2016
28	Robust Dynamic Clustering Approach to Improve Quality of Service in Wireless Sensor Network K Muthulakshmi, K Baskaran Sensor Letters 13 (9), 769-773	2015
29	A Novel Approach to Reduce Link Failure in Mobile ADHOC Networks Baskaran K, Muthulakshmi K International Journal of Applied Engineering Research 10 (1), 1237-1241.	2015
30	Evaluating the Impact of Weather Conditions on MANET Routing Protocols Rangarajan J, Baskaran K International Journal on Electrical Engineering & Informatics 7, 454-463	2015
31	FPGA Based Digital Pulse Width Modulator Technique For Digitally Controlled DC-DC Converters Radhika V, Baskaran K International Journal of Applied Engineering Research 10, 13953-13966.	2015
32	High Performance Hybrid Fuzzy PID Controller for Permanent Magnet Synchronous Motor Drive with Minimum Rule Base Ananthamoorthy N P, Baskaran K Journal of Vibration & Control 21 (1), 181-194.	2015
33	Speed & Torque Control of Permanent Magnet Synchronous Motor Using Hybrid Fuzzy Proportional Plus Integral Controller	2015