



SCOPUS PAPER PUBLICATIONS - 2017

S. No	Authors	Title of the Paper	Name of the Journal
1	Srikanth, K., Nagesh Kumar, G.V.	Novel fuzzy preview controller for rotary inverted pendulum under time delays	International Journal of Fuzzy Logic and Intelligent Systems
2	Ananth, D.V.N., Nagesh Kumar, G.V.	Mitigation of voltage dip and power system oscillations damping using dual STATCOM for grid connected DFIG	Ain Shams Engineering Journal
3	Roy, S., Bhattacharyya, D., Bandyopadhyay, S.K., Kim, T.-H.	An Iterative Implementation of Level Set for Precise Segmentation of Brain Tissues and Abnormality Detection from MR Images	IETE Journal of Research
4	Bali, S.K., Munagala, S., Gundavarapu, V.N.K.	Intelligent control of generators in the presence of thyristor controlled series compensator using flower pollination algorithm	Journal of Advanced Research in Dynamical and Control Systems
5	Dhanalakshmi, B., Kollu, P., Sekhar, B.C., Parvatheeswara Rao, B., Rao, P.S.V.S.	Enhanced magnetic and magnetoelectric properties of Mn doped multiferroic ceramics	Ceramics International
6	Venkateswara Rao, B., Kumar, G.V.N., Chowdary, D.D., Bharathi, M.A., Patra, S.	Voltage stability index based optimal placement of static VAR compensator and sizing using Cuckoo search algorithm	AIP Conference Proceedings



7	Mishra, A., Nagesh Kumar, G.V.	Severity based contingency management approach: An Indian scenario	Journal of Engineering Science and Technology
8	Naidu, Y.S., Kumar, G.V.N.	Minimisation of electric field stress at triple junction of a functionally graded cone type spacer in a gas insulated busduct with metal inserts	High Voltage
9	Adi Maheswara Reddy, G., Venkatarao, K., Murthy, J.V.R.	A hybrid mitigation technique for cache assisted side channel attack in cloud computing	Journal of Theoretical and Applied Information Technology
10	Ganesan, S., Padmanabhan, S., Vihaari, V., Krishna Kumar, S., Yamini, P.	Influence of MGO on emissions of DI engine using blends of biodiesel	ARPN Journal of Engineering and Applied Sciences
11	Roy, S., Bhattacharyya, D., Bandyopadhyay, S.K., Kim, T.-H.	An effective method for computerized prediction and segmentation of multiple sclerosis lesions in brain MRI	Computer Methods and Programs in Biomedicine
12	Kumar, B.S., Suryakalavathi, M., Kumar, G.V.N.	A combinatory index based optimal reallocation of generators in the presence of SVC using krill herd algorithm	Open Engineering
13	Reddy, M.K., Srinivasa Rao, P., Laxmi Lydia, E.	PSO techniques in hadoop cluster and scheduling using k-centroids clustering	Journal of Advanced Research in Dynamical and Control Systems
14	Reddy, M.K., Srinivasa Rao, P., Laxmi Lydia, E.	A review on big data analytics and clustering algorithms	Journal of Advanced Research in Dynamical and Control Systems



15	Umamaheswari, R., Sumanth Kumar, C.	Evaluation of piecewise linear techniques of companding in decreasing papr in ofdm related to sui channels	Journal of Advanced Research in Dynamical and Control Systems
16	Raghu Ram, K.S., Bandi, S.R.S., Krishna, Ch.S.	Mechanical behaviour of alumina silicon carbide reinforced particulate reinforced metal matrix composite	IOP Conference Series: Materials Science and Engineering
17	Sampath Dakshina Murthy, A., Koteswara Rao, S., Das, R.P.	Minimization of degeneracy problem inverse beta coefficient by roughening particle filter	Journal of Advanced Research in Dynamical and Control Systems
18	Nagajyothi, A., Das, R.P.	Rectangular nanostrip patch antenna for multi directional radiation in tera hertz applications	Journal of Advanced Research in Dynamical and Control Systems
19	Naga Jyothi, A., Gowthami, A.	Slotted nanostrip patch antenna in tera hertz regime	Journal of Advanced Research in Dynamical and Control Systems
20	Sampath Dakshina Murthy, A., Syamala, T., Koteswara Rao, S., Das, R.P.	Real time differential global positioning system using fuzzy logic extended kalman filter	Journal of Advanced Research in Dynamical and Control Systems
21	Adinarayana, V., Murali Krishna, K., Rajesh Kumar, P.	A space frequency block coded MIMO OFDM channel estimation under various schemes of modulation with rayleigh, AWGN channel states	Journal of Advanced Research in Dynamical and Control Systems
22	Pusarla, N., Khedkar, M., Das, R.P., Tejasri, P.	Fuzzy logic based smart irrigation system using microcontrollers	Journal of Advanced Research in Dynamical and Control Systems



23	Thammana, A., Das, R.P.	Performance evolution analysis of precoded ofdm with PLC transform over WIMAX channels	Journal of Advanced Research in Dynamical and Control Systems
24	Pavani, T.	Synthesis of circular antenna arrays using flower pollination algorithm	Journal of Advanced Research in Dynamical and Control Systems
25	Asish Vardhan, K., Thirupathi Rao, N., Anitha, J., Bhattacharyya, D., Kim, T.-H.	Studies on the performance of image matching techniques for IFD model	International Journal of Grid and Distributed Computing
26	Thammana, A., Das, R.P., Sampath Dakshina Murthy, A., Koteswarao Rao, S.	A new proposed adaptive modulation technique using FIS for OFDM	Journal of Advanced Research in Dynamical and Control Systems
27	Sampath Dakshina Murthy, A., Koteswarao Rao, S., Das, R.P., Kishore, K.L.	Recognition of facial features by principal component analysis using eigenvalues of variants	Journal of Advanced Research in Dynamical and Control Systems
28	Das, R.P., Roja, G., Sampath Dakshina Murthy, A., Koteswarao Rao, S.	Global positioning system object tracking by applying fuzzy logic non linear techniques	Journal of Advanced Research in Dynamical and Control Systems
29	Madhusudhana Rao, T.V., Srinivasa Rao, P., Srinivas, Y.	A secure framework for cloud using map reduce	Journal of Advanced Research in Dynamical and Control Systems
30	Adi Maheswara Reddy, G., Venkata Rao, K., Murthy, J.V.R.	Eviction bit and inclusive cache based replacement policy for side channel attack	International Journal of Applied Engineering Research



31	Aditya, J., Harshita, V., Vaddi, R.	Exploiting characteristics of steep slope tunnel transistors towards energy efficient and reliable buffer designs for IoT SoCS	Communications in Computer and Information Science
32	Anitha, J., Thirupathi Rao, N., Bhattacharyya, D., Kim, T.-H.	An approach for summarizing hindi text using Restricted Boltzmann machine in deep learning	International Journal of Grid and Distributed Computing
33	Naga Malleswari, D., Suresh Babu, S., Moparthi, N.R., Mandhala, V.N., Bhattacharyya, D.	Hash based indexing in running high dimensional software systems	Journal of Advanced Research in Dynamical and Control Systems
34	Laxmi Lydia, E., Somasundaram, K., Krishan Mohan, A.	Data analytics through Hadoop eco-components	Journal of Advanced Research in Dynamical and Control Systems
35	Patel, B., Roy, S., Bhattacharyya, D., Kim, T.-H.	Necessity of big data and analytics for good e- governance	International Journal of Grid and Distributed Computing
36	Rao, N.T., Srinivas, P., Rajkumar, C., Bhattacharyya, D., Kim, H.-J.	Studies on performance analysis of cloud computing based data centers with queuing models using MATLAB	International Journal of Grid and Distributed Computing
37	Rao, N.T., Bhaskar, P.U., Srinivas, P., Bhattacharyya, D., Kim, H.-J.	An efficient technique to design elasticity and reliable content based publish/subscribe system in cloud	International Journal of Grid and Distributed Computing



38	Amreen, Srinivas, P., Rao, N.T., Bhattacharyya, D., Kim, H.-J.	Performance evaluation in cloud computing model using queuing models	International Journal of Grid and Distributed Computing
39	Parmar, R.R., Roy, S., Bhattacharyya, D., Bandyopadhyay, S.K., Kim, T.-H.	Large-Scale Encryption in the Hadoop Environment: Challenges and Solutions	IEEE Access
40	Mishra, A., Kumar, G.V.N.	A risk of severity based scheme for optimal placement of interline power flow controller using composite index	International Journal of Power and Energy Conversion
41	Mishra, A., Kumar, G.V.N.	A risk of severity based scheme for optimal placement of interline power flow controller using composite index	International Journal of Power and Energy Conversion
42	Suresh, M., Sirish, T.S., Subhashini, T.V., Daniel Prasanth, T.	Load flow analysis of distribution system using artificial neural networks	Advances in Intelligent Systems and Computing