



SCOPUS PAPER PUBLICATIONS - 2018

S. No	Authors	Title of the Paper	Name of the Journal
1	Naguboina, V.K., Kumar Gudey, S.	Enhanced Exponential Reaching Law SMC for Analyzing PQ Issues in a Distribution System Using Transformer- less Hybrid Series Active Power Filter	INDICON 2018 - 15th IEEE India Council International Conference
2	Ananth, D.V.N., Kumar, G.V.N.	Design of DFIG Converters to Overcome Grid Faults Using Improved Stator Flux Based Field Oriented Control and STATCOM Controller	Technology and Economics of Smart Grids and Sustainable Energy
3	Padhi, S.N., Ram, K.S.R., Kamal, A.S.N., Krishna, C.S.R., Rao, B.N.D.	Characterization and electrical conductivity of Ionic oxide nano films by Dc and Ac methods	ARPN Journal of Engineering and Applied Sciences
4	SasiKiran, P., Manohar, T.G.	UKF based estimation approach for DVR control to compensate voltage swell in distribution systems	Ain Shams Engineering Journal
5	Seshadri Sastry, K., Madhusudhana Rao, T.V., Praveen Chakravarthy, B.H.	Classification and Detection of Skin Tones Using Big Data Machine Learning Algorithms under Rapidly Varying Illuminating Conditions	Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018
6	Varadala, A.B., Gurugubelli, S.N., Bandaru, S.	Equal-channel angular extrusion of Al 5083 alloy with copper shielding	Emerging Materials Research
7	Muniraju, C.B., Muniswamy, V., Yellaeswara Rao, K., Krishnaswamy, N.	Modeling of enhancement effect of moth-eye antireflective coating on organic light-emitting diode	Journal of Nanophotonics
8	Adari, J., Gadi, V.S.K.R., Gundavarapu, V.N.K.	Mitigation of field stress with metal inserts for cone type spacer in a gas insulated busduct under delamination	Engineering Science and Technology, an International Journal
9	Daniel, R., Rao, K.N.	EEC-FM: Energy efficient clustering based on firefly and midpoint algorithms in wireless sensor network	KSII Transactions on Internet and Information Systems



10	Sekhar, B.C., Dhanalakshmi, B., Ramesh, S., Rao, P.S.V.S., Parvatheeswara Rao, B.	Preparation, characterization and PTCR behavior of calcium barium niobate ferroelectric ceramics	AIP Conference Proceedings
11	Varadala, A.B., Gurugubelli, S.N., Bandaru, S.	Equal channel angular extrusion of semicircular AA 5083 covered with copper casing	Emerging Materials Research
12	Nageswara Rao, P., Siva Krishna Rao, G.V., Nagesh Kumar, G.V.	A Novel Technique for Controlling Speed and Position of Bearingless Switched Reluctance Motor Employing Sensorless Sliding Mode Observer	Arabian Journal for Science and Engineering
13	Ponnada, S., Srinivas, Y., Madhusudhana Rao, T.V.	A hybrid approach for identification of manhole and staircase to assist visually challenged	IEEE Access
14	Siva Rama Krishna, C.H., Kumar, M., Kiran, M., Divya, B.	Analysis of stresses of graphite /epoxy composite plate using HYPERMESH	International Journal of Mechanical and Production Engineering Research and Development
15	Siva Ramakrishna, C.H., Ganesh, M.R., Rao, R.V., Dharmateja, P.	Residual stresses analysis of laminated graphite/epoxy composite plates using HYPERMESH	International Journal of Mechanical and Production Engineering Research and Development
16	Lydia, E.L., Sudhakar, C., Madhuri, T.	An improved optimal task selection strategy for hadoop scheduling	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017
17	Karuna, M., Ganesh, C., Das, R.P., Kumar, M.V.	Classification of wrist movements through EMG signals with fuzzy logic algorithm	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017
18	Parvatheeswara Rao, B., Dhanalakshmi, B., Ramesh, S., Subba Rao, P.S.V.	Cation distribution of Ni-Zn-Mn ferrite nanoparticles	Journal of Magnetism and Magnetic Materials
19	Rao, G.V.V.R., Mukund, D., Pratap Das, R.	Modified wenner method for demarcation of saline belt 3-D projection	International Journal of Civil Engineering and Technology



20	Bali, S.K., Munagala, S., Gundavarapu, V.N.K.	Optimal utilization of generators using harmony search algorithm for the management of contingency	International Journal of Innovative Computing, Information and Control
21	Deepika, K.K., Kumar, J.V., Rao, G.K.	A comprehensive survey on electric springs and it's applications in smart grids	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings
22	Dhanalakshmi, B., Kollu, P., Barnes, C.H.W., Parvatheeswara Rao, B., Rao, P.S.V.S.	Multiferroic and magnetoelectric studies on BMFO–NZFO nanocomposites	Applied Physics A: Materials Science and Processing
23	Sobhan, P.V.S., Nagesh Kumar, G.V., Ramana Rao, P.V.	Rotor levitation and vibration control of hybrid pole BSRM using fuzzy sliding mode controller	International Journal of Innovative Computing, Information and Control
24	Nagesh Kumar, G.V., Venkateswara Rao, B., Deepak Chowdary, D., Sobhan, P.V.S.	A computational comparison of swarm optimization techniques for optimal load shedding under the presence of FACTS devices to avoid voltage instability	Critical Developments and Applications of Swarm Intelligence
25	Pradhan, S.K., Barik, R.K., Bishoyi, P.K., Karthikeyan, S.S., Chandu, D.S.	A novel dual-band matching network using modified T-shaped line and its application	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017
26	Pedapenki, K.K., Swathi, G.	Analysis of shunt active power filter with unit voltage template method	6th International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC 2017
27	Sravana Kumar, B., Suryakalavathi, M., Nagesh Kumar, G.V.	Thyristor controlled series compensator based optimal reallocation of generators for contingency management	ECTI Transactions on Electrical Engineering, Electronics, and Communications
28	RamaKrishna, C.S., SubbaRao, K.V., Arji, S.	Geometrical behavior of laminated graphite/epoxy composite using hypermesh	International Journal of Engineering and Technology(UAE)



29	Nagesh Kumar, V., Sravana Kumar, B., Venkateswara Rao, B., Sobhan, P.V.S., Appala Naidu, K.	Linear programming technique based optimal relay coordination in a radial distribution system	International Journal of Engineering and Technology(UAE)
30	Sobhan, P.V.S., Nagesh Kumar, G.V., Ramana Rao, P.V.	Rotor suspension and stabilization of bearingless SRM using sliding mode controller	International Journal of Engineering and Technology(UAE)
31	Shariff, V., Ruth Ramya, K., Devi, B.B., Bhattacharyya, D., Kim, T.-H.	A survey on existing IP trace back mechanisms and their comparisons	International Journal of Engineering and Technology(UAE)
32	Sobhan, P.V.S., Nagesh Kumar, G.V., Ramana Rao, P.V.	Rotor autocentering and speed control of hybrid bearingless SRM using single- neuron adaptive PID controller	International Journal of Engineering and Technology(UAE)
33	Krishna, I.M., Narsimham, C., Chakravarthy, A.S.N.	A novel feature selection based classification model for disease severity prediction on alzheimer's database	Journal of Advanced Research in Dynamical and Control Systems
34	Laxmi Lydia, E., Vijaya Kumar, K., Amaranatha Reddy, P., Ramya, D.	Text mining with hadoop: Document clustering with TF_IDF and measuring distance using euclidean	Journal of Advanced Research in Dynamical and Control Systems
35	Shireesha, Y., Venkata Suresh, B., Sateesh, B.	Vibration analysis and control of locomotive system	Mechanics and Mechanical Engineering
36	Laxmi Lydia, E., Govindaswamy, P., Lakshmanaprabu, S.K., Ramya, D.	Document clustering based on text mining k-means algorithm using euclidean distance similarity	Journal of Advanced Research in Dynamical and Control Systems
37	Sampath Dakshina Murthy, A., Kumar, P.V.J.R., Das, R.P., Koteswara Rao, S.	Fuzzy logic based technique for propeller noise in mechanical structures	International Journal of Engineering and Technology(UAE)
38	Naidu, B.S., Reddi, V.S.N.	Performance of multi-orifice resonator on higher order modes of an acoustic cavity	INTER-NOISE 2018 - 47th International Congress and Exposition on Noise Control Engineering: Impact of Noise Control Engineering



39	Reddi Chintapalli, V.S.N., Gopala Rao Lokireddy, V.V.	Low and medium frequency noise reduction inside an acoustic cavity using de-tuned slit and multi-slit resonators	INTER-NOISE 2018 - 47th International Congress and Exposition on Noise Control Engineering: Impact of Noise Control Engineering
40	Thirupathi Rao, N., Madhusudhan Rao, V., Bhattacharyya, D., Kim, T.-H.	Analyzing the performance of DSR protocol on MANET's network models with various scenarios using ViSim	International Journal of Engineering and Technology(UAE)
41	Deepika, K.K., Shome, P., Vijaya Kumar, J., Kesava Rao, G.	Constrained consensus in hybrid state estimation in wide area monitoring	Journal of Advanced Research in Dynamical and Control Systems
42	Satyanarayana, V.S.V., Sateesh, B., Rao, N.M.	Parameters optimisation of vehicle suspension system for better ride comfort	International Journal of Vehicle Performance
43	Kumar, G.S., Painumgal, U.V., Kumar, M.N.V.C., Rajesh, K.H.V.	Autonomous Underwater Vehicle for Vision Based Tracking	Procedia Computer Science
44	Pulivarthi, N.R., Rao, G.V.S.K., Kumar, G.V.N.	Four quadrant control of rotor displacements of bearingless switched reluctance motor under eccentric fault conditions	Journal of Applied Science and Engineering
45	Laxmi Lydia, E., Amaranatha Reddy, P.	Graphical modelling framework(Gmf) of map-reduce programming	Journal of Advanced Research in Dynamical and Control Systems
46	Laxmi Lydia, E., Govindasamy, P., Devika, G., Kaveena Rebecca, A.	Performance inspection of Apache Spark and map reduce analyzing through K-Means	Journal of Advanced Research in Dynamical and Control Systems
47	Venkata Suresh, B., Shireesha, Y., Sateesh, B.	Vibration analysis and control of locomotive system	Mechanics and Mechanical Engineering
48	Pulivarthi, N.R., Siva Krishna Rao, G.V., Nagesh Kumar, G.V.	Sensor less control of position and displacements of Bearing Less Switched Reluctance Motor by using sliding mode observer	Journal of Engineering and Applied Sciences
49	Bhaskar Rao, M.P.V.V., Reddy, D.R.K., Sobhan Babu, K.	Kantowski-Sachs modified holographic Ricci dark energy model in Saez-Ballester theory of gravitation	Canadian Journal of Physics



50	Eali, S.N.J., Rao, N.T., Swathi, K., Satyanarayana, K.V., Bhattacharyya, D., Kim, T.-H.	Simulated studies on the performance of intelligent transportation system using vehicular networks	International Journal of Grid and Distributed Computing
51	Murthy, A.S.D., Das, R.P., Rao, S.K.	A versatile and cost effective multimodal wheelchair	International Journal of Engineering and Technology(UAE)
52	Ramakrishna, C.S., Raghuram, K.S., Ben, B.A.	Process Modelling and Simulation Analysis of CNC Oxy-Fuel Cutting Process on SA516 Grade 70 Carbon Steel	Materials Today: Proceedings
53	Roy, S., Bhattacharyya, D., Bandyopadhyay, S.K., Kim, T.-H.	Heterogeneity of human brain tumor with lesion identification, localization, and analysis from MRI	Informatics in Medicine Unlocked
54	Rao, N.T., Srinivas, P., Sudha, K., Bhattacharyya, D., Kim, T.-H.	Performance of M/M/1 and M/D/1 queuing models on data centers with cloud computing technology using MATLAB	International Journal of Grid and Distributed Computing
55	Swamy Naidu, Y., Nagesh Kumar, G.V.	Electric field computation of epoxy-nano and micro composite conical spacer in a gas insulated busduct	Advances in Intelligent Systems and Computing
56	Nagesh Kumar, G.V., Ananth, D.V.N., Chowdary, D.D., Appala Naidu, K.	Fuzzy controller-based intelligent operation of grid-connected DFIG during recurring symmetrical faults	Advances in Intelligent Systems and Computing
57	Baik, N., Hazra, D., Bhattacharyya, D.	Shape recognition based on mapreduce and in-memory processing on distributed file system	International Journal of Grid and Distributed Computing
58	Sankar, R.R.S., Kumar, J.S.V., Rao, M.G.	Adaptive fuzzy PI current control of grid interact PV inverte	International Journal of Electrical and Computer Engineering
59	Ravi Sankar, R.S., Jaya Ram Kumar, S.V.	Fuzzy current control of grid interactive voltage source converter with solar energy	Smart Innovation, Systems and Technologies
60	Sankara Rao, R., Tummala, P., Das, R.P.	Design of simple PCMPA for X band applications	Lecture Notes in Electrical Engineering
61	Pavani, T., Rajeswari, M., Padma Vani, C.	Detecting the sonar target by using optimization technique	Lecture Notes in Electrical Engineering



62	Murali, A., Hari Kishore, K., Srikanth, L., Trinadha Rao, A., Suresh, V.	Implementation of reconfigurable circuit with watch-points in the hardware	Lecture Notes in Electrical Engineering
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