KALASALINGAM
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School of Computing (SoC)

Department of Information Technology

Publication Details

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
1	S Rajeswari, K Suthendran	C5. 0: Advanced Decision Tree (ADT) classification model for agricultural data analysis on cloud	Computers and Electronics in Agriculture	6.757	SCI	61	2019
2	K. Anish PonYamini, K. Suthendran, T. Arivoli.	Enhancement of energy efficiency using a transition state mac protocol for MANET	Computer Networks	5.493	SCI	23	2019
3	S.Hariharasitaraman, S.P. Balakannan	A dynamic data security mechanism based on position aware Merkle tree for health rehabilitation services over cloud	Journal of Ambient Intelligence and Humanized Computing	4.947	SCI	7	2019
4	S.ArunKumar M.Venkatasulu	Gramian matrix data collection-based random forest classification for predictive analytics with big data	soft computing	4.20	SCI	2	2019
5	M. Karuppasamy& S. P. Balakannan,.	An improving data delivery method using EEDD algorithm for energy conservation in green cloud network	soft computing	4.20	SCI	2	2019
6	Prakash S, Balakannan S P	Service Level Agreement Based Catalogue Management and Resource Provisioning in Cloud for Optimal Resource Utilization	Mobile Networks and Applications	3.662	SCI	4	2019
7	R.Sumathi,M.Venkatesulu	Segmenting MRI Brain Tumour Images Using Modified Cuckoo Search Optimization with Morphological Reconstruction Filters	IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing	3.66	SCI	3	2019
8	Aslam, M., Balamurali, S., Jeyadurga, P. Al-Marshadi	Plan for Food Inspection for Inflated-Pareto data under Uncertainty Environment	IEEE Access	3.367	SCI	4	2019
9	T. Ramu, K. Suthendran, T. Arivoli,	Machine learning based soft biometrics for enhanced keystroke recognition system	Multimedia Tools and Applications	3.16	SCI	7	2019
10	J.Pradeep Kandasamy and S.Balamurali	Diagnosis of Diabetic Retinopathy Using Multi Level Set Segmentation Algorithm with Feature Extraction Using SVM with Selective Features	Multimedia Tools and Applications	3.16	SCI	29	2019

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
11	SelvarajKunjiappan, PanneerselvamTheivendren, PonnusamyPalanisamy, SuthendranKannan, ParasuramanPavadai,	Optimization of bioactive compounds extraction assisted by microwave parameters from Kappaphycusalvarezii using RSM and ANFIS modelling	Journal of Food Measurement and Characterization	3.006	SCI	16	2019
12	KalaipriyanThirugnanasambandam, SourabhPrakash, Venkatesan Subramanian, SujathaPothula VengattaramanThirumal	Reinforced cuckoo search algorithm-based multimodal optimization	Applied Intelligence	2.777	SCI	52	2019
13	Aslam, M., Jeyadurga, P, Balamurali, S. and Al-Marshadi	Time Truncated Group Plan under the Weibull Distribution Based on Neutrosophic Statistics	Mathematics	2.592	SCI	13	2019
14	Damodar Nayak Ammunje Selvaraj Kunjiappan,Theivendren Panneerselvam, Saravanan Govindaraj , Suthendran Kannan, Pavadai Parasurama, Sankarganesh Arunachalam, Murugesan Sankaranarayanan , Suraj Baskararaj,Ponnusamy Palanisamy	Optimization and analysis of ultrasound-assisted extraction of bioactive polyphenols from Garcinia indica using RSM and ANFIS modeling and its anticancer activity	Journal of the Iranian Chemical Society	2.271	SCI	8	2019
15	M. Maragatharajan, C.Balasubramanian, S. P. Balakannan.	A secured MANET using position-based opportunistic routing and SEMI MARKOV process	Journal of Concurrency and Computation: Practice and Experience	2.18	SCI	-	2019

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16	M.J.Abinash, V.Vasudevan.	Gene data classification using Map Reduce based linear SVM		2.18	SCI	1	2019
17	SubburajThangavel, SuthendranKannan.	Detection and trace back of low and high volume of distributed denial-of-service attack based on statistical measures	Concurrency and Computation Practice and Experience	2.18	SCI	7	2019
18	Balamurali, S. and UshaM	Determination of an Efficient Variables Sampling System Based on Taguchi Process Capability Index	Journal of the Operational Research Society	2.175	SCI	22	2019
19	S Dhanasekaran, V Vasudevan	A Cognizant agent system for optimizing cloud service searching strategy	Cluster Computing	1.809	SCI	5	2019
20	Muhammad Aslam Jeyadurga Periyasamypandian Saminathan Balamurali Ali Hussein Al-Marshadi	Time-Truncated Group Plan under a Weibull Distribution based on Neutrosophic Statistics	Journal of Mathematics	1.555	SCI	13	2019
21	Balamurali, S. and Jeyadurga, P.	Economic Designing of an Attribute Control Chart for Monitoring Mean Life Based on Multiple Deferred State Sampling	Applied Stochastic Models in Business and Industry	1.53	SCI	8	2019
22	D.FranklinVinod, V.Vasudevan.	LNTP-MDBN: Big Data Integrated Learning Framework for Heterogeneous Image Set Classification	Current Medical Imaging Reviews	1.24	SCI	-	2019
23	Balamurali, S. and Aslam, M.	Determination of Multiple Dependent State Repetitive Group Sampling Plan Based on the Process Capability Index	Sequential Analysis	1.00	SCI	63	2019
24	Balamurali, S. and Jeyadurga, P	An Attribute np Control Chart for Monitoring Mean Life using Multiple Deferred State Sampling Based on Truncated Life Test	International Journal of Reliability, Quality and Safety Engineering	0.917	SCI	9	2019

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25	H.Sribhuvaneswari, K. Suthendran.	A Novel March C2RR Algorithm for Nano electronic Resistive Random Access Memory (RRAM) Testing	Communications in Computer and Information Science	-	Scopus	1	2019
26	Revathy Rathinasamy Saminathan Balamurali	Distinguishing SARIMA with Extensive Neural Network Model for Forecasting Sugarcane Productivity	Conference: 2019 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)	-	Scopus	1	2019
27	K. Karthigadevi Saminathan Balamurali M Venkatesului	Based on Neighbor Density Estimation Technique to Improve the Quality of Service and to Detect and Prevent the Sinkhole Attack in Wireless Sensor Network	Conference: 2019 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)	-	Scopus	1	2019
28	S. Arun Kumar, M. Venkatesulu	Probabilistic Scheduling based Soft Max Map-Reduce Regression Function for Resource Optimization with Big Data Analytics	Journal of Adv Research in Dynamical & Control Systems	-	Scopus	_	2019
29	B.S. Murugan,S. Dhanasekaran,R. Sundarrajan,P. Vijayakarthik	An Expert Agent based Cloud Service Discovery Using Elliptic Curve Cryptography Authentication	Journal of Adv Research in Dynamical & Control Systems	-	Scopus	-	2019
30	K.AnishPonYamini, K.Suthendran, T.Arivoli.	Power Optimized Cross Layer design based Protocol for Performance Enhancement in MANETs,	2019 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)	-	Scopus	6	2019
31	Revathy, R., Balamurali, S. and Lawrance, R.	Classifying Agricultural Crop Pest Data using Hadoop MapReduce based C5.0 Algorithm	Journal of Cyber Security and Mobility	-	Scopus	4	2019

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32	S.Hariharasitaraman, S.P.Balakannan.	Data integrity assurance using fully homomorphic encryption based FHESIK scheme in cloud storage	Journal of Advanced Research in Dynamical and Control Systems		Scopus	-	2019
33	K. Anish Pon Yamini; K. Suthendran; T. Arivoli	Power Optimized Cross Layer design based Protocol for Performance Enhancement in MANETs	IEEE digital explore	-	Scopus	-	2019
34	Pradeep Kandhasamy, J., Balamurali, S., Arun, M. and GokulNath, S.	Automated Recognition of Diabetic Retinopathy using Machine Learning Techniques	International Journal of Recent Technology and Engineering	-	Scopus		2019
35	S. Dhanasekaran; R. Sundarrajan; B. S. Murugan; S. Kalaivani; V. Vasudevan	Enhanced Map Reduce Techniques for Big Data Analytics based on K-Means Clustering	IEEE	-	Scopus	5	2019
36	M. Maragatharajan	Obstacle Detector for Blind Peoples	Journal of Engineering and Advanced Technology	-	-	-	2019
37	M. Maragatharajan, C. Balasubramanian	A Novel to Project Customer Feelings via reviews	International Journal of Engineering andAdvanced Technology	-	-	-	2019
38	SenthilKumaran. S, Balakannan S.P	Open Source Internet of Things Platforms	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	-	-	-	2019
39	M. Maragatharajan, C. Balasubramanian, S. P. Balakannan	Reliable Data Delivery in Manet using Adaptive Demand Driven Routing Protocol and Semi Markov Process	International Journal of Innovative Technology and Exploring Engineering	-	-	-	2019
40	M.Maragatharajan, C.Balasubramanian S. P. Balakannan	Node Selection Strategy for Reliable Data Transmission in Manet using Semi Markov Process for Multicast Routing Protocol	International Journal of Recent Technology and Engineering	-		-	2019

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
41	Suprakash S, Balakannan S P	Reusing Old Computers – An Environment Friendly Method to Produce Computational Performance	International Journal of Recent Technology and Engineering	-	-	-	2019
42	KailasamSelvaraj, KartheebanKamatchi, Vishalraj AV K,Pandikishore, Ram Guru Chandar M	Design and Development of Virtual Local Area Network and Securing Network using Network Address Translation	Journal of Recent Technology and Engineering	-	-	-	2019
43	Suprakash S, Balakannan S P	An Efficient Virtual Machine Consolidation And Secure Vm Sprawl Towards Green Cloud Computing	International Journal of Innovative Technology and Exploring Engineering	-	-	-	2019
44	S.Arunkumar, M.Venkatesulu,.	Dice Similarity Based Gaussian Deep Recurrent Neural Learning for Classification and Prediction with Big Data Analytics	International Journal of Engineering and Advanced Technology (IJEAT)	-	-	-	2019
45	R.Sumathi, M.Venkatesulu	Automated Framework for Segmenting Skin Lesions using Artificial Bee ColonyOptimization with Morphological Reconstruction	International Journal of Engineering and Advanced Technology (IJEAT)	-	-	-	2019
46	P.VidhyaSaraswathi, M.Venkatesulu	A Novel Stream Cipher for Multimedia Security	International Journal of Engineering and Advanced Technology (IJEAT)	-	-	-	2019
47	M.Sornalakshmi, S.Balamurali, M. Venkatesulu.	A Combined Horizontal Parallel Apriori Algorithm and Adaptive Frequent Pattern Growth Algorithm for Big Data Mining	International Journal of Innovative Technology and Exploring Engineering	-	-	-	2019
48	B.MuthuLakshmi, M. Venkatesulu.	Privacy and Security Aware Cloud Storage using Double Cryptography Method	International Journal of Recent Technology and Engineering	-	-	-	2019
49	V. Baby Shalini	Scrutinizing DEEC, TDEEC,BEENISH and IBEENISH Protocol in Heterogeneous Wireless Sensor Networks,	International Journal of Recent Technology and Engineering	-	-	-	2019
50	V.BabyShalini	Appropriate Cluster Head Determination Strategy for Extending Wireless Sensor Networks Lifetime	International Journal of Innovative Technology and Exploring Engineering	-	-	-	2019

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
51	T.Subburaj, K. Suthendran.	Bit-and-Piece DDoS attack Detection based on the Statistical Metrics	International Journal of Engineering and Advanced Technology (IJEAT)	-	-	-	2019
52	T.Subburaj, K. Suthendran.	Chi-Square and Entropy (CS-E): A Hybrid MethodforDDoS Attack Detection and Trace Back	International Journal of Recent Technology and Engineering (IJRTE)	-	-	-	
53	S.Rajeswari, K. Suthendran.	Feature Selection Method based on Fisher's Exact Test for Agricultural Data, International Journal of Recent Technology and Engineering (IJRTE)	International Journal of Recent Technology and Engineering (IJRTE)	-	-	-	2019
54	C. Aanandha Subramanian, K. Suthendran, M. SatheeshKumar	SIM Forensics: Extraction and Preparation of Digital Evidence using SimXtractor	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	-	-	-	2019
55	C Bala Subramanian, S P Balakannan.	Scan and Z-Curve Trajectory for Mobile Anchor in Localization of Wireless Sensor Network	International Journal of Recent Technology and Engineering (IJRTE)	-	-	-	2019
56	Sivapragasam Saravanan Poomalai, Balamurali Saminathan, Sumila Suthanthiravel, Keerthi Sundaram, Farjana Farveen Abdul Hakkim i	An Investigation on the Relationship Between the Hurst Exponent and the Predictability of a Rainfall Time Series	Metrological Applications	-	-	12	2019
57	M.Venkatesulu, S.Ponkeerthana, M. Swathi, C. Anitha.	A Novel Encryption Algorithm Based on Pseudo Random Sub Blocks of Data Blocks	International Journal of Engineering and Advanced Technology (IJEAT)	-	–	–	2019
58	Balamurali, S., and Baranitharan, B	An Improved System of Skip-Lot Acceptance Sampling Plans for Highway Construction and Materials	Journal of the Institution of Engineers-Series A	-	-	2	2019
59	Balamurali, S., Aslam, M. and Jun, C.H	Variable Batch-size Attribute Control Chart	Journal of Statistics and Management Systems	-	-	3	2019

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60	Pradeep Kandhasamy, J., Balamurali, S. and Mariappan	Diabetic Maculopathy Detection Using Image Processing	International Journal of Engineering and Advanced Technology	-	-	-	2019
61	Arun, M., Balamurali, S. and Maheswari, K	Attribute-Semantic Based Access Control Policy Model for IoT	International Journal of Engineering and Advanced Technology	-	-		2019
62	Jeyadurga, P. and Balamurali, S	Economic Designing of Modified Chain Sampling Plan Under Weibull Distribution using Bayesian Method	International Journal of Engineering and Advanced Technology	-	-	-	2019
63	Jeyadurga, P. and Balamurali, S	Designing of Chain Sampling Plan Under Gamma-Poisson Distribution	International Journal of Engineering and Advanced Technology	-	-	-	2019
64	Kannan, G. and Balamurali, S.	Designing of Repetitive Group Sampling Plan Under the Inverse Gaussian Distribution	International Journal of Engineering and Advanced Technology	-	-	-	2019
65	Srividya, V. and Balamurali, S	A Comparative Study of Two-Stage Heuristic Hybrid Evolutionary Algorithm for Virtual Machine Migration and Placement in Cloud Bursting	International Journal of Recent Technology and Engineering	-	-	-	2019
66	Revathy, R. and Balamurali, S	Examination of Sugarcane Yield by Simulating AquaCrop to Overcome the Irrigation Deficiency	International Journal of Recent Technology and Engineering	-	-	-	2019
67	Revathy, R. and Balamurali, S.	An Improved Frequent Pattern Mining in Sustainable Learning Practice using Generalized Association Rules	International Journal of Innovative Technology and Exploring Engineering	-	-	-	2019
68	Sornalakshmi, M., Balamurali, S. and Venkatesulu, M.	A Combined Horizontal Parallel Apriori Algorithm and Adaptive Frequent Pattern Growth Algorithm for Big Data Mining	International Journal of Innovative Technology and Exploring Engineering	-	-	-	2019
69	S Rajeswari K Suthendran	Developing an Agricultural Product Price Prediction Model using HADT Algorithm	International Journal of Engineering and Advanced Technology	-	-	-	2019
70	Suthendran Rakesh.B, Hemamalini.M, Santhiya.M	Swachh Bharath	International Journal of Engineering and Advanced Technology	-	-	-	2019
71	TSubburaj K Suthendran	Chi-Square and Entropy (CS-E):A Hybrid Methodfor DDoS Attack Detection and Trace Back	International Journal of Recent Technology and Engineering	-	-	-	2019

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S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
72	Tirumala Krishna Mohan Gudimalla, Suthendran Kann	Survey analysis of cloned SIM card	SSRN Electronic Journal	-	-	-	2019
73	R Bharathi, T Abirami, S Dhanasekaran, Deepak Gupta, Ashish Khanna, Mohamed Elhoseny, K Shankar	Energy efficient clustering with disease diagnosis model for IoT based sustainable healthcare systems	Sustainable Computing: Informatics and Systems	5.62	SCI	62	2020
74	M. Sornalakshmi Saminathan Balamuralii M Venkatesulu Bala Anand Muthu	Hybrid method for mining rules based on enhanced Apriori algorithm with sequential minimal optimization in healthcare industry	Neural Computing and Applications	5.102	SCI	42	2020
75	Palanichamy MuraliPalanichamy MuraliRevathy RathinasamyRevathy RathinasamySaminathan BalamuraliSaminathan BalamuraliA. S. TayadeA. S. Tayade	Integration of RNN with GARCH refined by whale optimization algorithm for yield forecasting: a hybrid machine learning approach	Journal of Ambient Intelligence and Humanized Computing	4.974	SCI	16	2020
76	AFS Devaraj, M Elhoseny, S Dhanasekaran, EL Lydia, K Shankar	Hybridization of firefly and improved multi-objective particle swarm optimization algorithm for energy efficient load balancing in cloud computing environments	Journal of Parallel and Distributed Computing	3.734	SCI	140	2020
77	Mohamed Elhoseny, R Sundararajan, Mohammad Hammoudeh K Shankar, Omar Aldabbas	Swarm intelligence–based energy efficient clustering with multihop routing protocol for sustainable wireless sensor networks	International Journal of Distributed Sensor Networks	2.41	SCI	32	2020
78	Sakthidasan Krishnan , S. Vaithyasubramanian, M. Maragatharajan	SAED: Self-adaptive Error Detection Automation for Leveraging Computational Efficiency of HCI Systems	Wireless Personal Communications	2.07	SCI	-	2020

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79	Revathy, R., Murali, P., Venkatasubramanian, V., PuthiraPrathap	An Appraisal of Indian Jaggery and Confectionery Exports in the Global Market: Markov Chain Model Approach	Sugar Tech.	1.872	SCI	4	2020
80	H.Sribhuvaneshwari, SuthendranKannan	Enhanced test algorithm for nanoelectronic Resistive Random Access Memory testing using self-check write scheme,	Analog Integrated Circuits and Signal Processing	1.337	SCI	2	2020
81	M.Venkatesulu, C. Devi Parameswari	Verification Of Collatz Conjecture: An Algorithmic Approach,, Engineering World	Engineering World	1.196	SCI	1	2020
82	Jainul Fathima Saminathan Balamurali Revathy Rathinasamy Murugaboopathi Gurusamy	Development of hybrid model for improving the prediction of dengue-human protein interaction for anti-viral drug discovery	International Journal of Intelligent Information and Database Systems	0.89	SCI	-	2020
83	V. Manoranjithem , M. Venkatesulu	KNN Classification in Chronic Kidney Disease Dataset	International Journal of Mathematics and Computer Science	0.83	SCI	-	2020
84	Saminathan Balamurali	Combined attri-vari inspection policy for resubmitted lots based on the process capability index	Communications in Statistics-Simulation and Computation	0.651	SCI	6	2020
85	Balamurali, S.jeyadurga, P. and Usha, M	Designing of Tightened-Normal-Tightened Sampling Scheme Under Weibull and Gamma Distributions for Mean Life Assurance	Communications in Statistics-Simulation and Computation	0.651	SCI	3	2020
86	G. Kannan Jeyadurga Periyasamypandian Saminathan Balamurali	Economic design of repetitive group sampling plan based on truncated life test under Birnbaum–Saunders distribution	Communications in Statistics-Simulation and Computation	0.651	SCI	7	2020
87	Jeyadurga Periyasamypandian Saminathan Balamurali	Optimal designing of multiple deferred (dependent) state repetitive group sampling plan for variables inspection	Communication in Statistics-Theory and Methods	0.612	SCI		2020
88	Saminathan Balamurali Muhammad Aslam Liaquat Ahmad Chi-Hyuck Jun	A Mixed Double Sampling Plan Based on Cpk	Communication in Statistics-Theory and Methods	0.612	SCI	3	2022

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89	Sivapragasam, C., Malathy, A., Ishwarya, D., Saravanan, P. and Balamurali, S	Modelling the Elements of Flash Flood Hydrograph using Genetic Programming	Indian Journal of Geo Marine Sciences	0.553	SCI	-	2020
90	Hussain, J., Balamurali, S. and Aslam, M.	Design of SkSP-R Plan for Popular Statistical Distributions	Journal of Modern Applied Statistical Methods	0.34	SCI	-	2020
91	S. Arun Kumar, M.Venkatesulu	A survey on resource optimization and prediction techniques with big healthcare data	International Journal of Psychosocial Rehabilitation	0.111	SCI	-	2020
92	Revathy, R., Fathima,A. J., Balamurali, S. and Murugaboopathi,	Developing of a Hybrid Model for Improving the Prediction of Dengue-Human Protein Interaction for Anti-Viral Drug Discovery, International Journal of Intelligent Information and Database Systems	International Journal of Intelligent Information and Database Systems	0.9	SCI	-	2020
93	S.Suprakash	Energy Efficient Private Cloud Server for Health Record Maintenance and Monitoring made on Reusable Hardware	Journal of Green Engineering	-	Scopus	-	2020
94	H.Sribhuvaneshwari, K. Suthendran	TEST TIME OPTIMIZATION BY REVISITING NOTES IN VLSI BIST TECHNIQUE	3C Tecnología	-	Web of Science	-	2020
95	Jayakumar P , Padmanabhan S , Suthendran K , YedduNitish Kumar , MadaSujith	Identification and Analysis of Blood Group with Digital Microscope Using Image Processing, IOP Conference Series	Materials Science and Engineering	-	Scopus	3	2020
96	P. Jayakumar, S. Padmanabhan, K. Suthendran G.V. Rajveer	Development of safe semi-automatic and economic blood cross matching using image processing,	Materials Today: Proceedings	-	Scopus	-	2020
97	K.AnishPonYamini, K Suthendranand K SrujanRaju	A Mobility Adaptive Efficient Power Optimized Protocol for MANETs based on Cross Layering concept,	Lecture Notes on Data Engineering and Communications Technologies	-	Web of Science Scopus	1	2020
98	R Sumathi and M. Venkatesulu	An Automated Hybrid Approach for Multimodal Tumor Segmentation	journal of Physics	-	Scopus	-	2020

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99	M. Raja, S. Dhanasekaran, V. Vasudevan	Attribute-based encryption for cipher text in advanced encryption standard	Materials Today: Proceedings	-	Scopus		2020
100	P.Velmurugadass, S. Dhanasekaran, S. ShasiAnand, V. Vasudevan	Enhancing Blockchain security in cloud computing with IoT environment using ECIES and cryptography hash algorithm	Materials Today: Proceedings	-	Scopus	52	2020
101	D.Balakrishnand, T.DhiliphanRajkumar, S. Dhanasekaran	An intelligent and secured heart rate monitoring system using IOT	Materials Today: Proceedings	-	Scopus	7	2020
102	K. Suresha P. Vijayakarthick S. Dhanasekaran B.S. Murugan	Threshold secret sharing and multi-authority based data access control in cloud computing	Materials Today: Proceedings	-	Scopus	5	2020
103	R.Sumathi, M.Venkatesulu	An Automated Framework to segment sthetumor part of Multimodal images using Cuckoo search with Kernel Fuzzy C means Clustering	International Journal of Advanced Science and Technology	-	-	-	2020
104	KailasamSelvaraj, KartheebanKamatchi, Jegadeeshwaran G,	Traffic Violation Detection	Journal of Advanced Science and Technology	-	-	-	2020
105	R.Sumathi, M.Venkatesulu	An Automated Framework to segment sthetumor part of Multimodal images using Cuckoo search with Kernel Fuzzy C means Clustering	International Journal of Advanced Science and Technology	-	-	-	2020
106	Maragatharajan M, Dhilipkumar M, Kailasam S, Chinnasamy P.	Software Defined Network with QoS	International Journal of Advanced Science and Technology	-	-	-	2020
107	S. Dhanasekaran, P. Vijayakarthik, A. Sivaneshkumar, S. Hariharasita Raman,A. Robertsingh, B.S. Murugan, V. Vasudevan	Intelligent Cloud Service Organization And Resource Provisioning In Virtual Agent System	Journal of Critical Reviews	-	-	-	2020

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108	Maragatharajan M, Aakash R, Aniruth K, Kathiravan M, Vignesh S,.	Smart Surveillance System	Artificial & Computational Intelligence	-	-	-	2020
109	Mr. S. Kailasam, M.Karthiga, R.M.Priyadarshini, K.Kartheeban, K. Anithadevi.	Accident Alert System for Driver Using Face Recognition	IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing	-	-	2	2020
110	Revathy, R., Murali, P. and Balamurali, S	Hadoop Big Data Mining: An Effective MapReduce Tool for Classifying	Plan Archives	-	-	-	2020
111	R.SundarRajan	Fuzzy TOPSIS and Fuzzy AHP for selecting alternatives and weight determination in Multi criteria Decision Making Problems	International Journal of Scientific & Engineering Research	-	-	-	2020
112	R.Sundarrajan, V.Vasudevan.	Enhanced Priority Based Load Balance Scheduling Of Parallel Work Load In Cloud Computing	International Journal of Advanced Research in Engineering and Technology (IJARET)	-	-	-	2020
113	Dr.Vikas Jain, Dr.S.Kirubakaran, Dr.G. Nalinipriya, Binny. S, Dr.M.Maragatharajan	Brain computer interface system using deep convolutional machine learning method	European Journal of Molecular & Clinical Medicine	-	-		2020
114	R.Sumathi, M.Venkatesulu	An Automated Framework to segment sthetumor part of Multimodal images using Cuckoo search with Kernel Fuzzy C means Clustering	International Journal of Advanced Science and Technology	-	-	-	2020

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115	K. V. Praveen1, P. M.JoePrathap, S.Dhanasekaran, I. S. HephziPunithavathi, P. Duraipandy, Irina V. Pustokhina, Denis A. Pustokhin	Deep Learning based Intelligent and Sustainable Smart Healthcare Application in Cloud-Centric IoT	Computers, Materials & Continua (CMC)	3.86	SCI	12	2021
116	J. Banumathi, A. Muthumari, S. Dhanasekaran, S. Rajasekaran, Irina V. Pustokhina, Denis A. Pustokhin, K. Shankar	An Intelligent Deep Learning Based Xception Model for Hyperspectral Image Analysis and Classification	Computers, Materials & Continua (CMC)	3.86	SCI	66	2021
117	Bala Subramanian, C., Maragatharajan, M. &Balakannan, S.P	Inventive approach of path planning mechanism for mobile anchors in WSN	Journal of Ambient Intelligence and Humanized Computing	3.622	SCI	7	2021
118	Arun MurugesanArun Murugesan Saminathan Balamurali adi Al-Turjman Lakshmana KUMAR	Analysis on homomorphic technique for data security in fog computing	Transactions on Emerging Telecommunications Technologies	3.414	SCI	3	2022
119	Aslam, M., Jeyadurga, P., Balamurali, S., Sherwani, R.A.H., Albassam, M., and Jun, C.-H.	A New Variable-Censoring Control Chart using Lifetime- Performance Index under Exponential and Weibull Distributions	Computational Intelligence and Neuroscience	3.12	SCI	-	2021
120	S.Senthikumaran, S.P.Balakannan, Junli	A deep analysis of object capabilities for intelligence considering wireless IoT devices with the DNN approach	Journal of Supercomputing	3.10	SCI	-	2021
121	V. Baby Shalini	A polarization insensitive miniaturized penta band meta material THz absorber for material sensing applications	Optical and Quantum Electronics	2.794	SCI	1	2021

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Publication Details

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
122	M Raja, S Dhanasekaran, V Vasudevan	Opposition based joint grey wolf-whale optimization algorithm based attribute based encryption in secure wireless communication	Wireless Personal Communication	2.64	SCI	-	2021
123	M.Sornalakshmi, S. Balamurali, M. Venkatesulu,	An efficient apriori algorithm for frequent pattern mining using mapreduce in healthcare data	Bulletin of Electrical Engineering and Informatics	1.90	SCI	20	2021
124	Sornalakshmi, M.,Balamurali, S., Venkatesulu, M. and Navaneetha Krishnan M	An Efficient Apriori Algorithm for Frequent Pattern Mining Using Mapreduce in Healthcare Data	Bulletin of Electrical Engineering and Informatics,	1.90	SCI	20	2021
125	R. Sumathi, M. Venkatesulu& Sridhar P. Arjunan	Segmenting and Classifying MRI Multimodal Images Using Cuckoo Search Optimization and KNN Classifier	IETE journal of research	1.887	SCI	5	2021
126	P Mohanakrshnan , K Suthendran and Anish PonYamini	Design of a novel polarization insensitive pentaband THz metamaterial	Microwave and Optical Technology Letters	1.78	SCI	1	2021
127	G. Kannan, P. Jeyadurga and S. Balamurali	Economic Design of Repetitive Group Sampling Plan Based on Truncated Life Test Under Exponentiated Half Logistic Distribution	Quality Engineering	1.73	SCI	1	2021
128	S. Dhanasekaran V. Anjana Devi	A Smart Digital Attendance Monitoring System for Academic Institution Using Machine Learning Techniques	Webology	1.65	SCI	2	2021
129	M. Raja S.Dhanasekaran V. Vasudevan	Light Weight Cryptography based Medical Data and Image Encryption Scheme	Webology	1.65	SCI	-	2021
130	SK Narayanan, S Dhanasekaran, V Vasudevan	Minimizing Overloads of Critical Tasks Using Machine Learning in CPS by Extending Resources	Webology	1.65	SCI	-	2021

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
131	Aslam, M., Jeyadurga, P., Balamurali, S. and Azam, M.	Economic Determination of Modified Multiple Dependent State Sampling plan under Some Life-time Distributions	Journal of Mathematics	1.555	SCI	-	2021
132	SumathiR, Venkatesulu Mandadi	Towards Better Segmentation of Abnormal Part in Multimodal Images Using Kernel Possibilistic C Means Particle Swarm Optimization With Morphological Reconstruction Filters: Combination of KFCM and PSO With Morphological Filters	International Journal of E-Health and Medical Communications	1.42	SCI	2	2021
133	Jeyadurga,P. and Balamurali, S.	Multiple Deferred State Sampling Plan for Exponentiated New Weibull Pareto Distributed Mean Life Assurance	Journal of Testing and Evaluation	1.333	SCI	2	2021
134	Murugeswari, N., Jeyadurga, P. and Balamurali, S.	Optimal Design of a Skip-Lot Sampling Reinspection Plan with a Double Sampling Plan as a Reference Plan	Sequential Analysis	1.00	SCI	2	2021
135	Arun, M., Balamurali, S., Al-Turjman, F. and Lakshmana Kumar, R.	A lightweight authentication and secure data access between fog and IoT user	International Journal of Electronic Business	0.94	SCI	3	2021
136	L. Sathish Kumar, B. Sathish Kumar, A. Padmapriya& Balakannan S.P	THz Design Variable Estimation by Deep Optimization Prior, Terahertz Devices	Circuits and Systems	0.88	SCI	-	2021
137	Aslam, M., Balamurali, S., Jeyadurga, P. and Khan, N.	Designing of an Attribute Control Chart Based on Modified Multiple Dependent State Sampling Using Accelerated Life Test under Weibull Distribution	Communications in Statistics-Simulation and Computation	0.651	SCI	-	2021
138	Balamurali, S., Aslam, M. and Jun, C.-H	Determination and Economic Design of a Generalized Multiple Dependent State Sampling Plan	Communications in Statistics-Simulation and Computation	0.651	SCI	-	2021
139	Muhammad AslamSaminathan BalamuraliChi-Hyuck Jun	A New Multiple Dependent State Sampling Plan Based on the Process Capability Index	Communications in Statistics-Simulation and Computation	0.651	SCI	-	2021
140	Manupriya Usha Saminathan Balamural	Economic Design of Quick Switching Sampling System for Resubmitted Lots under Gamma-Poisson Distribution	American Journal of Mathematical and Management Sciences	0.318	SCI	-	2021

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
141	SenthilKumaran. S, Balakannan. S. P.	Securing Internet Of Things Devices Using Containers	Turkish Journal of Physiotherapy and Rehabilitation	0.10	SCI	-	2021
142	SenthilKumaran S, Balakannan S.P	Securing Internet of Things Devices Using Containers	Turkish Journal of Physiotherapy and Rehabilitation	0.10	SCI	-	2021
143	B. Thilagavathi, K. Suthendran K. Srujanraju	Evaluating the Ada Boost algorithm for biometric-based face recognition	Lecture Notes on Data Engineering and Communications Technologies	-	Web of science Scopus	3	2021
144	V.BabyShalini, Iswarya M, Ramya Sri S, AnuKeerthika M S	Review Analysis using Ensemble Algorithm	Lecture Notes on Data Engineering and Communications	-	Scopus Web of Science	-	2021

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S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
145	Kannan Suthendran T Subburaj	SMART CARAFE: An IoT based Real Time System	Lecture Notes in Electrical Engineering	-	Scopus	-	2021
146	Suthendran K ,Abinaya R, Tharani.S,Arunachalam A.S	HEIST DETECTOR: A Secured IOT based Real Time System	Lecture Notes in Electrical Engineering	-	Scopus	-	2021
147	Kailasam.SSaravanan AlagarsamyM.Dhilipkumar	Raspberry Pi based Automatic Door Control System	IEEE xplore	-	Scopus	11	2021
148	KailasamSelvaraj Iswarya M Ramyasri S AnuKeerthika M S	Arduino based Smart Irrigation System for Home Gardening	IEEE xplore	-	Scopus	4	2021
149	M. Sangeetha, P. Vijayakarthik S. Dhanasekaran B.S. Murugan	Fine grained access control using H-KCABE in cloud storage	Materials Today: Proceedings – Elsevier	-	Scopus	2	2021
150	M.Raja, S.Dhanasekaran, V. Vasudevan	An energy efficient multi secret sharing for encrypted images using homomorphic encryption algorithms	Journal of Green Engineering	-	Scopus	-	2021
151	K. Rajeshkumar, S. Dhanasekaran, V. Vasudevan	Evaluation of risk analysis process in medical big data using Machine Learning	IEEE 2021 International Conference on Computer Communication and Informatics	-	Scopus	-	2021
152	B Thilagavathi, K Suthendran, K Srujanraju	Evaluating the AdaBoost Algorithm for Biometric-Based Face Recognition	Lecture Notes on Data Engineering and Communications Technologies	-	Scopus Web of Science	3	2021
153	K Anish PonYamini, J Assis Nevatha, K Suthendran, K Srujan Raju	GFDM-Based Device to Device Systems in 5G Cellular Networks	Lecture Notes on Data Engineering and Communications Technologies	-	Scopus Web of Science	-	2021

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154	K Anish PonYamini, SV Akhila, K Suthendran, K Srujan Raju	Analysis of Channel Estimation in GFDM System	Lecture Notes on Data Engineering and Communications Technologies	-	Scopus Web of Science	-	2021
155	K Anish PonYamini, K Suthendran, K Srujan Raju	A Mobility Adaptive Efficient Power Optimized Protocol for MANETs Based on Cross-Layering Concept,	Lecture Notes on Data Engineering and Communications Technologies	-	Scopus Web of Science	1	2021
156	V. Baby Shalini, V. Vasudevan	Extended- Network Lifetime Balanced Energy Efficient Network Integrated Super Heterogeneous Protocol for Wireless Sensor Network	International Journal of Computer Aided Engineering and Technology	-	Scopus	-	2021
157	K. AnishPonYamini, Nevatha J, K Suthendran and K SrujanRaju	GFDM Based Device to Device Systems in 5G Cellular Networks	Lecture Notes on Data Engineering and Communications Technologies	-	Web of Science Scopus	-	2021
158	P. Velmurugadass; S. Dhanasekaran	Enhancing Security Service of Data Protection Level using Machine Learning	IEEE Xplore	-	Scopus		2021
159	S. Krishna Narayanan; S. Dhanasekaran; V. Vasudevan	A shared computational model using distributed processing in a CPS enabled environment	IEEE Xplore	-	Scopus		2021
160	A. Robert Singh, Suganya Athisayamani, S. Sankara Narayanan & S. Dhanasekaran	Fire Detection by Parallel Classification of Fire and Smoke Using Convolutional Neural Network	Computational Vision and Bio-Inspired Computing	-	Scopus		2021
161	S. Krishna Narayanan, S. Dhanasekaran & V. Vasudevan	Intelligent abnormality detection method in cyber physical systems using machine learning	Proceedings of International Conference on Machine Intelligence and Data Science Applications	-	Scopus	2	2021
162	Siva Vadivel Chunchana Kuppe Renuka Prasad Ravikumar Ponnusamy Thillai Arasu, Saminathan Balamurali	Cancer Nanotechnology for Drug Targeting and Delivery Approaches	In book: Cancer Nanotheranostics	-	Scopus	-	2021

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S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
163	M. Shanmuga Eswari Saminathan Balamurali	An Intelligent Machine Learning Support System for Glaucoma Prediction Among Diabetic Patients	Conference: 2021 International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	-	-	2	2021
164	M Raja, S Dhanasekaran, V Vasudevan	Attribute-based encryption for ciphertext in advanced encryption standard	Materials Today: Proceedings	-	--	-	2021
165	S. Dhanasekaran, I. S. Hephzi Punithavathi, P. Duraipandy, A. Sivanesh Kumar, P. Vijayakarthik, S. Rajasekaran, B. S. Murugan	Metaheuristic-Based Kernel Extreme Learning Machine Model for Disease Diagnosis in Industrial Internet of Things Sensor Networks	Artificial Intelligence Techniques in IoT Sensor Networks	-	-	-	2021
166	AFS Devaraj, P Vijayakarthik, S Dhanasekaran, G Murugaboopathi,	Fuzzy Support Vector Machine with SMOTE for Handling Class Imbalanced Data in IoT-Based Cloud Environment	Artificial Intelligence Techniques in IoT Sensor Networks	-	-	-	2021
167	D Balakrishnan, TD Rajkumar, S Dhanasekaran, BS Murugan	Cloud Integrated Vehicle Pollution Detection and Monitoring Using IOT	Journal of Green Engineering	-	-	-	2021
168	D.Balakrishnan, T.Dhiliphan Rajkumar, S.Dhanasekaran, B.S.Murugan	Energy Aware Fuzzy Data Fusion For Iot Environment	Annals of the Romanian Society for Cell Biology	-	-	1	2021
169	D Balakrishnan, TD Rajkumar, S Dhanasekaran, BS Murugan	Duplication Avoided Data Fusion Technique for Internet of Things	Annals of the Romanian Society for Cell Biology	-	-	1	2021
170	S Dhanasekaran, P Mathiyalagan, AM Rajeshwaran	Automatic Segmentation of Lung Tumors Using Adaptive Neuron-Fuzzy Inference System	Annals of the Romanian Society for Cell Biology	-	-	4	2021
171	S Suprakash, M Karuppasamy, S P Balakannan	Fine Tuning the Young Learners For Competitive Programming And Employability	Turkish Journal of Computer and Mathematics Education	-	-	-	2021

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
172	D. Prem Raja, V. Vasudevan	A Novel Thinking to Enhance The Gradient Boost Decision Tree Classifier For Identifying Path In Autonomous Vehicle	Turkish Journal of Computer and Mathematics Education,	-	-	-	2021
173	V. Baby Shalini	Smart Health Care Monitoring System based on Internet of Things (IOT)	IEEE Xplore	-	-	4	2021
174	V. Baby Shalini	Improving the Precision of Data by segregating Malicious Node from Sensor Network's	IEEE Xplore	-	-	1	2021
175	P.Chinnasamya, R. Geethab, S. Geethac, S.P.Balakannan , K.Ramprathap, V.Praveena	Secure Smart Green House Farming using Blockchain Technology	Turkish Journal of Computer and Mathematics Education	-	-	3	2021
176	P. Ganesh, Shobha K R, Rajesh Jagdish Sharma, R.Sundarrajan, K. Geetha, Ovi Omkar Paradkar	Framework Design and Implementation of Novel Healthcare Security Systems	NVEO	-	-	-	2021
177	MohanaPrabha, K., VidhyaSaraswathi, P. and Balamurali, S	Tversky Anonymous Key Authentication Based Blum Goldwasser Cryptography for Cloud Data Access Security	Turkish Online Journal of Qualitative Inquiry	-	-	-	2021
178	Revathy, R. Balamurali, S. and Murali, P	A Framework of Automated Office Farming with Advanced Sensing Technology for Smart Cities	Artificial Intelligence Applications for Smart Societies- Recent Advances	-	-	-	2021

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179	Kamboj., RathaJeyalakshmi, T., Arasu, P. T., Balamurali, S. and Murugan, A.	Smart Applications of IoT, The Smart Cyber Ecosystem for Sustainable Development	The Smart Cyber Ecosystem for Sustainable Development	-	-	-	2021
180	Jeyadurga, P. and Balamurali, S	A New Attribute Sampling Plan for ssuring Weibull Distributed Lifetime Using Neutrosophic Statistical Interval Method	Decision Making with Neutrosophic Set- Theory and Applications in Knowledge Management		-	1	2021
181	Siva V., Ravikumar, C. P., Arasu, P. T., Yadav, N. N., Murugan, M., Yadav, H. S., Bahadur, S. A. and Balamurali, S.	Cancer Nanotechnology for Drug Targeting and Delivery Approaches	Cancer Nano theranostics-Nanotechnology in the Life Sciences	-	-	-	2021
182	Balakrishnan, D Rajkumar, T.Dhiliphan, Dhanasekaran S, Murugan B S	Semantic Based Data Fusion Technique For Internet Of Things	Turkish Journal of Computer and Mathematics Education	-	-	9	2021
183	D.Balakrishnan, T.DhiliphanRajkumar, S.Dhanasekaran, B.S.Murugan	Secured and Reliable Data Communication in Internet of Things	Turkish Online Journal of Qualitative Inquiry	-	-	-	2021
184	KP BinduMadavi, P Vijayakarthick, S Dhanasekaran	Tribrid Secure Encryption Technique to Protect the data in the Cloud	Design Engineering	-	-	-	2021

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
185	P. Velmurugadass; S. Dhanasekaran; S. Sasikala	The Cloud based Edge Computing with IoT Infrastructure and Security Issues Investigation	International Conference on Computational Performance Evaluation	-	-	-	2021
186	P. Velmurugadass; S. Dhanasekaran	Enhancing Security Service of Data Protection Level using Machine Learning	2nd Global Conference for Advancement in Technology	-	-	-	2021
187	MohanaPrabha, K., VidhyaSaraswathi, P. and Balamurali, S.	Tversky Anonymous Key Authentication Based Blum Goldwasser Cryptography for Cloud Data Access Security, Turkish Online	Turkish Online Journal of Qualitative Inquiry	-	-	-	2021
188	T. Subburaj and K. Suthendran	Threat Detection on UDP Protocols Using Packet Rates in IoT,	Machine Intelligence and Smart Systems	-	-	-	2021
189	P.Chinnasamy R. Geetha, S. Geetha, S.P.Balakannan, K.Ramprathap, V.Praveena	Secure Smart Green House Farming using Blockchain Technology	Turkish Journal of Computer and Mathematics Education	-	-	3	2021
190	R.SundarRajan	Performance analysis of Pneumonia using Convolutional Neural Networks	Natural Volatiles & Essential Oils	-	-	-	2021
191	R.SundarRajan	Smart Worship management System	International Journal of Data Analysis Techniques and Strategies	-	-	-	2021
192	R.SundarRajan	Energy Efficient Cat Swarm Optimization based Secure Clustering Protocol for Mobile Adhoc Networks	Journal of Engineering, Design and Technology	-	-	-	2021

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
193	V. Baby Shalini	Balanced Cluster Head (CH) Selection in Four Level Heterogeneous Wireless Sensor Networks (WSN's)	Lecture Notes on Network and Systems	-	-	3	2021
194	ChandrasekarPalanichamy, ParasuramanPavadai ,TheivendrenPanneerselvam,SankarganeshArunachalam,EwaBabkiewicz,Sureshbabu Ram Kumar Pandian,KabilanShanmugampillaiJeyarajaguru,DamodarNayakAmmunje ,SuthendranKannan, and SelvarajKunjiappan	Aphrodisiac Performance of Bioactive Compounds from Mimosa pudica Linn.: In Silico Molecular Docking and Dynamics Simulation Approach	Molecules	4.927	SCI	2	2022
195	B. Kalpana, S.Dhanasekaran, T.Abirami, Ashit Kumar Dutta, MarwaObayya, Jaber S. Alzahrani and Manar Ahmed Hamza	Cat and Mouse Optimizer with Artificial Intelligence Enabled Biomedical Data Classification	Computer Systems Science and Engineering	4.397	SCI	-	2022
196	K. Pradeep Mohan Kumar, S.Dhanasekaran, I. S. HephziPunithavathi, P. Duraipandy, Ashit Kumar Dutta,	Bird Swarm Algorithm with Fuzzy Min-Max Neural Network for Financial Crisis Prediction	Computers, Materials & Continua	3.86	SCI	-	2022
197	K. Anish PonYamini, JesmithaStephy,K. Suthendran and V.Ravi	Improving routing disruption attack detection in MANETs using efficient trust establishment	Transactions on Emerging Telecommunications Technologies	3.414	SCI	3	2022
198	MalathyJawahar, J. Prassanna, V.Ravi, L. JaniAnbarasi, S. Graceline	Computer-aided diagnosis of COVID-19 from chest X-ray images using histogram-oriented gradient features and Random Forest classifier	Multimedia Tools and Applications	3.16	SCI	3	2022

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	Jasmine, R. Manikandan, Ramesh Suthendran K						
199	S.Senthikumaran, S.P.Balakannan, Junli	A Deep Analysis of Object Capabilities for Intelligence Considering Wireless IoT Devices with the DNN Approach	Journal of Supercomputing	3.10	SCI	-	2022
200	Jawahar, Malathy J Prassanna, JaniAnbarasi S, Graceline Jasmine R, ManikandanSekaran, Ramesh Kannan, Suthendran K	Computer-aided Diagnosis of COVID-19 from Chest X-ray Images using Histogram Oriented Gradient Features and Random Forest Classifier	Multimedia Tools and Applications	3.16	SCI	3	2022
201	VinayakumarRavi K.AnishPonYaminiK.Suthendran T.Arivoli , Vinayakumar Ravi	New Approach for Advanced Energy Efficiency in MANET (AEE-M) by improving Optimized Link State Routing Protocol version 2 (OLSRv2)	Wireless Personal Communication	2.64	SCI	-	2022
202	K Suthendran, P Mohanakrishnan, , Arun Pradeep, Anish PonYamini	Synthetic aperture radar image despeckling based on modified convolution neural network	Applied Geomatics	2.57	SCI	1	2022
203	Ashok Kumar Munnangi, Ramesh Sekaran, SivaramRajeyyagari , Manikandan Ramachandran , Suthendran Kannan, and SubratoBharati	Nonlinear Cosine Neighborhood Time Series-Based Deep Learning for the Prediction and Analysis of COVID-19 in India	Wireless Communications and Mobile Computing	2.47	SCI	-	2022

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204	MalathyJawahar, Vinayakumar Ravi, J Prassanna, S Graceline Jasmine, R Manikandan, RamesSekaran and Suthendran Kannan	CovMnet–Deep Learning Model for classifying Coronavirus (COVID-19)	Health and Technology, Springer	2.26	SCI		2022
205	Murugeswari, N., Jeyadurga, P. and Balamurali, S	Optimal Designing of Two Level Skip-Lot Sampling Reinspection Plan	Journal of Applied Statistics	1.53	SCI	1	2022
206	Jeyadurga Periyasamypandian Saminathan Balamurali	Determination of new multiple deferred state sampling plan with economic perspective under Weibull distribution	Journal of Applied Statistics	1.53	SCI	1	2022
207	Kannan, G., Jeyadurga, P. and Balamurali, S	Determination of Multiple Deferred State Repetitive Group Sampling Plan for Life-Time Assurance under Birnbaum-Saunders Distribution	Journal of Statistical Computation and Simulation	1.422	SCI	3	2022
208	Jeyadurga, P. and Balamurali, S.	Designing of Variables Repetitive Group Sampling Plan for Consumer Protection	Journal of Statistical Computation and Simulation	1.38	SCI	1	2022
209	H Sribhuvaneshwari, K Suthendran	A Novel Reliability Assessment Scheme for Nano Resistive Random Access Memory (RRAM) Testing	Analog Integrated Circuits and Signal Processing	1.337	SCI	-	2022
210	S. SrideviP. JeyadurgaSaminathan BalamuraliSaminathan Balamurali	Determination of modified double sampling plan based on the process capability index	Journal of Statistical Computation and Simulation	1.225	SCI	-	2022
211	N. MurugeswariJeyadurga PeriyasamypandianS. SrideviSaminathan Balamurali	Evaluation and optimal designing of a new system of skip-lot reinspection schemes	Journal of Statistical Computation and Simulation	1.225	SCI	-	2022
212	Usha, M. and Balamurali, S.	Economic Design of Quick Switching Sampling System for Resubmitted Lots Under Gamma-Poisson Distribution	American Journal of Mathematical and Management Sciences	1.15	SCI	3	2022

S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
213	Kannan, G., Jeyadurga, P. and Balamurali, S	Economic Design of Multiple Deferred (Dependent) State Repetitive Group Sampling Plan Based on Truncated Life Test Under Exponentiated Half Logistic Distribution	Sequential Analysis	1.00	SCI	-	2022
214	Usha, M. and Balamurali S	Economic Design of Quick Switching Sampling System for Resubmitted Lots	Communications in Statistics- Theory and Methods	0.88	SCI	10	2022
215	Jeyadurga, P. and Balamurali, S.	Optimal Designing of Multiple Deferred (Dependent) State Repetitive Group Sampling Plan for Variables Inspection	Communications in Statistics-Theory and Methods	0.88	SCI	-	2022
216	Aslam, M., Balamurali, S., Jeyadurga, P. and Raza, M. A	Monitoring Number of Non-conforming Items Based on Multiple Dependent State Repetitive Sampling Under Truncated Life Tests	Communications in Statistics-Theory and Methods	0.88	SCI	3	2022
217	S. Krishna Narayanan, S. Dhanasekaran, V.Vasudevan	An effective parameter tuned deep belief network for detecting anomalous behavior in sensor-based cyber-physical systems	Theoretical Computer Science	0.827	SCI	-	2022
218	I.S. HephziPunithavathi, S.Dhanasekaran, P.Duraipandy, E. Laxmi Lydia, M. Sivaram and K. Shankar	Optimal dense convolutional network model for image classification in unmanned aerial vehicles based ad hoc networks	International Journal of Ad Hoc and Ubiquitous Computing	0.773	SCI	2	2022
219	Balamurali, S.	Combined Attri-vari Inspection Policy for Resubmitted Lots	Communications in Statistics- Simulation and Computation	0.651	SCI	6	2022

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S.No	Authors	Publication Details	Journal Details	Impact Factor	Indexing	Google Scholar Citation	Year of Paper
220	Kannan, G., Jeyadurga, P. and Balamurali, S.	Economic Design of Repetitive Group Sampling Plan Based on Truncated Life Test Under Birnbaum-Saunder's Distribution	Communications in Statistics-Simulation and Computation	0.651	SCI	7	2022
221	N. MurugeswariJeyadurga PeriyasamypandianSaminathan Balamurali	Evaluation and optimal designing of a two-level skip-lot sampling plan for resubmitted lots	Communication in Statistics-Theory and Methods	0.612	SCI		2022
222	Muhammad AslamMuhammad AslamSaminathan BalamuraliSaminathan BalamuraliJeyadurga PeriyasamypandianJeyadurga PeriyasamypandianMuhammad Ali RazaMuhammad Ali Raza	Monitoring Number of Non-Conforming Items Based on Multiple Dependent State Repetitive Sampling under Truncated Life Tests	Communication in Statistics-Theory and Methods	0.612	SCI	3	2022
223	P. Jayakumar, S.Padmanabhan, R. Lilly and K. Suthendran	Bio-medical Waste Remediation by Environmental Safe Gelatin Coated Blood Sample Paper and its Effective Utilization	Nature Environment & Pollution Technology	0.53	SCI	3	2022
224							
225	MohanaPrabha, K., VidhyaSaraswathi, P. and Balamurali, S.	Whirlpool Hash Mutual Biometric Serpent Authentication for Secured Data Access in Cloud Environment	Scientific and Technical Journal of Information Technologies Mechanics and Optics	0.37	SCI	-	2022
226	SenthilKumaran S, Balakannan S.P	IoT Capabilities Analysis by using Optimized Machine Learning with Uncertain Traffic Modelling	Journal of Uncertain Systems	0.14	SCI	-	2022
227	Dr. S.V. AnnlinJeba, Dr.V.Navya, Dr.V.Praveena, JovinDeglus, Dr.M.Maragatharajan	Secure data transmission mechanism for an e-healthcare system with wireless body area networks	Turkish Journal of Physiotherapy and Rehabilitation	0.10	SCI	-	2022

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228	M. Shanmuga EswariSaminathan BalamuraliSaminathan Balamurali	RSOAE: An intelligent glaucoma prediction system for diabetic mellitus community	AIP Conference Proceedings	0.40	Scopus	-	2022
229	M Sinthuja and K Suthendran,	DDoS Attack Detection using Enhanced Long-Short Term Memory with Hybrid Machine Learning Algorithms	2022 3rd International Conference on Smart Electronics and Communication	-	Scopus	-	2022
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