

Paper Publications 2020-2021

Title of Paper	Name of the Author	Name of Journal	Year of Publication	ISBN/ISSN number	Journal Proof Link
Response Surface Modeling for Performance Analysis of Scientific Workflow applications in Cloud	Dr. B.Latha	Cluster Computing	2020	1386-7857 (print), 1573-7543 (online)	https://link.springer.com/article/10.1007/s10586-020-03180-5
An enhanced secure content de-duplication identification and prevention (ESCDIP) algorithm in cloud environment		Neural Computing and Application	2020	Electronic ISSN 1433-3058 Print ISSN 0941-0643	https://doi.org/10.1007/s00521-019-04060-9 https://link.springer.com/article/10.1007/s00521-019-04060-9
Investigation of the effect of process parameters on surface roughness in drilling of particleboard composite panels using adaptive neuro fuzzy inference system		Materials and Manufacturing Processes	2020	Electronic ISSN 1532-2475 Print ISSN 1042-6914	10.1080/10426914.2020.171193

Lightweight reliable and secure multicasting routing protocol based on cross-layer for MANET	Dr. B.Latha	Concurrency Computation	2020	1532-0626	10.1002/cpe.5025
Subsurface integrity studies on the drilling of Al/B4C/mica hybrid metal matrix composites		Materials and Manufacturing Processes	2020	Electronic ISSN 1532-2475 Print ISSN 1042-6914	https://doi.org/10.1080/10426914.2020.1711918
Sustainable drilling performance optimization for Nano SiC reinforced Al matrix composites		Materials and Manufacturing Processes	2020	Electronic ISSN 1532-2475 Print ISSN 1042-6914	10.1080/10426914.2020.177248
Smart Water Irrigation System Using IOT	DrR.Uma, Dr.R.Valarmathi	Journal of Critical Review	2020	ISSN 2394-5125	http://www.jcreview.com/index.php?mno=119145
Flood Susceptibility Prediction using LSTM Algorithm		Test Engineering and Management	2020	ISSN 01934120	
Real Time PathPlanning using Intelligent Transportation System for Hybrid VANET”ICPECTS 2020		IEEE 2nd International Conference on Power, Energy, Control and Transmission Systems, Proceedings, 2020, 9337057	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD) ISBN:978-1-7281-1101-8	https://doi.org/10.1109/ICPECTS49113.2020.9337057

PD Pattern Recognition on Transmission Lines using Tree-Based Models”ICPE CTS 2020	DrR.Uma Dr.R.Valarmathi	IEEE 2nd International Conference on Power, Energy, Control and Transmission Systems, Proceedings, 2020, 9337057	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD) ISBN:978-1-7281-1101-8	https://doi.org/10.1109/ICPECTS49113.2020.9336980
Framework For Information Analysis of the Scientific Literature using Machine Learning	Ms. V.Kavitha Ms. G.Manimala	IEEE XPLORE	2020	ISBN 978–80–7043–987–6. ISSN 1803–7232.	https://ieeexplore.ieee.org/document/9336984
MONITORING MENTAL HEALTH USING PHYSIOLOGICAL SIGNALS		IEEE XPLORE	2020	ISBN 978–80–7043–987–6. ISSN 1803–7232.	https://ieeexplore.ieee.org/document/9336992
Application of Particle Swarm Optimisation-R Factor Optimisation Algorithm for Efficient Resource Allocation and Scheduling in Cloud Environment	Dr.R.Valarmathi	Journal of Computational and Theoretical Nanoscience.	2020	Electronic ISSN 1546-1963 Print ISSN 1546-1955	https://doi.org/10.1166/jctn.2020.8478

Safe and Optimized Cardiac Image Processing Techniques for Quantifying Right Ventricle Dimensions with Nuclear Morphological Analysis	Mr. J.Jegan Amarnath, Dr.J.k.periasmy	Journal of Green Engineering (JGE)	2020	ISSN: 1904-4720 (Print) ISSN: 2245-4586 (Online)	http://www.jgenng.com/wp-content/uploads/2020/12/volume10-issue10-179.pdf
An Emotion Recognition Based Fitness Application for Fitness Blenders	Dr. J.k.periasamy, Dr. M.Suresh Anand	European Journal of Molecular & Clinical Medicine	2020	ISSN: 2515-8260	https://ejmcm.com/article/3149.html
Traffic Analysis in Vehicular Adhoc Networks using Flow and Network Level Analysis	Dr. J.k.periasamy	Microprocessors and Microsystems	2020	ISSN 0141-9331.	https://www.sciencedirect.com/science/article/abs/pii/S0141933120306049
An Efficient Mechanism to Detect Skin Disease using SVM	Dr. J.k.periasamy, Mr. M.Balamuruga	Journal of Green Engineering (JGE)	2020	ISSN: 1904-4720 (Print) ISSN: 2245-4586 (Online)	http://www.jgenng.com/wp-content/uploads/2020/12/volume10-issue10-151.pdf
Enhancing English Speaking Skills of Engineering Students in Virtual Classroom	Dr. J.k.periasamy	International Journal of Emerging Trends in Engineering Research	2020	ISSN (ONLINE) : 2347 - 3983	http://www.warse.org/IJETER/static/pdf/file/ijeter1288102020.pdf

Epilepsy Seizure Alert System using IoT		International Journal of Emerging Trends in Engineering Research	2020	ISSN (ONLINE) : 2347 - 3983	http://www.warse.org/IJETER/static/pdf/file/ijeter231892020.pdf
Analysis Of Artificial Intelligence Of Things	Dr. J.k.periasamy	International Journal of Electrical Engineering and Technology	2020	ISSN 2249-3085	https://www.iaeme.com/MasterAdmin/uploadfolder/IJET_11_04_031/IJET_11_04_031.pdf
Astute Remedy for Autism "Developing an Interactive Real Time Application Along With a Hardware Product to Help Youngsters With Autism	Ms. V.Lalitha, DrM.Nithya Dr. S.Samundeswari	Journal of Physics: Conference Series ,2020	2020	ISSN 1742-6588 (print) 1742-6596 (web)	https://iopscience.iop.org/article/10.1088/1742-6596/1712/1/012038/meta
Leukocyte counting and reporting using densenet - Deep Learning	Ms. V.Lalitha	IEEE XPLORE	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD) ISBN:978-1-7281-1101-8	https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=Leukocyte%20counting%20and%20reporting%20using%20dense%20net

Essential Preliminary Processing methods of Hyperspectral images of crops	Ms. V.Lalitha	IEEE XPLORE	2020	Electronic ISBN:978-1-6654-1917-8 Print on Demand(PoD)	https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=esse
Data Imputation in Wireless Sensor Networks using Regression Models	Ms. A.Sheela	International Journal of Engineering and Advanced Technology	2020	ISSN: 2249-8958 (Online)	-
Segmentation of Brain Tumor in Deep Learning		IEEE XPLORE	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD) ISBN:978-1-7281-1101-8	-

Optimal Resource Allocation and Quality of Service Prediction in Cloud	Ms. B.Priya	CMC : Computers, Materials and Continua	2020	ISSN 1546-2218	https://www.techscience.com/cmc/v67n1/41169
A Comprehensive Study on the Load Assessment Techniques in Cloud Data Center.		New Trends in Computational Vision and Bio-inspired Computing	2020	Print ISBN 978-3-030-41861-8 Online ISBN 978-3-030-41862-5	https://doi.org/10.1007/978-3-030-41862-5_19

An Efficient Timing Attack Management in VANETs using Monte Carlo Markov Chain Sampling	Mr. S.Gurusubramani	Journal of Green Engineering (JGE)	2020	ISSN: 1904-4720 (Print) ISSN: 2245-4586 (Online)	https://www.researchgate.net/publication/346084028_An_Efficient_Timing_Attack_Management_in_VANETs_using_Monte_Carlo_Markov_Chain_Sampling
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Detection of Two wheeler Driver Safety Using Machine Learning	Dr. A. Chinnasamy	European Journal of Molecular & Clinical Medicine	2020	ISSN: 2515-8260	https://ejmcm.com/pdf/4060_84c3facce9e8ee454888f1d337185926.html
Secure transmission of the data using quantum key distribution protocols and RSA algorithm	Ms. K.Latha	Journal of Critical Reviews	2020	ISSN 2394-5125	https://www.bibliomed.org/mnsfulltext/197/197-1594046908.pdf?1614159372
Wireless sensor networks based intelligent localization in hostile environment for energy conservation		International Journal of Advanced Trends in Computer Science and Engineering	2020	ISSN 2278 – 3091	10.30534/ijatcse/static/pdf/file/ijatcse85942020.pdf

An Efficient Mechanism to Detect Skin Disease using SVM	Mr. M.Balamurugan	Journal of Green Engineering (JGE)	2020	ISSN: 1904-4720 (Print) ISSN: 2245-4586 (Online)	http://www.jgenng.com/wp-content/uploads/2020/12/volume10-issue10-151.pdf
Astute Remedy for Autism	Dr M.Nithya,	Journal of Physics: Conference Series ,2020	2020	ISSN 2515-8260 Volume 7, Issue 11, 2020	https://iopsci ence.iop.org g /article/10. 1 088/1742-

"Developing an Interactive Real Time Application Along With a Hardware Product to Help Youngsters With Autism"	Dr. S.Samundeswari	Journal of Physics: Conference Series ,2020	2020	ISSN 2515-8260 Volume 7, Issue 11, 2020	6596/1712/1 /012038/met a
Prediction of Customer Purchase Intention Using Linear Support Vector Machine in Digital Marketing	Dr M.Nithya	Journal of Physics: Conference Series ,2020	2020	ISSN 1742-6588	https://iopsci i ence.iop.org /article/10. 1088/1742- 6596/1712/1 /012024/pdf
A Fusion Approach Aimed At Forecasting Of Stock Price Exchange Using Supervised Machine Learning Algorithm		European Journal of Molecular & Clinical Medicine, 2020, Volume 7, Issue 11, Pages 2391-2398	2020	ISSN: 2515-8260	https://ejmcm.com/pdf 5818_bcae1 3a573ddb7 6d0fa2a800 926e289.ht ml

E MONITORING- EB-Charge Monitoring System UsingIoT"	DrM.Nithya	IEEE Digital Library - International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2020, pp. 1-5, doi: 10.1109/ICPECT	2020	Electronic ISBN:978-1- 7281-1084-4 Print on Demand(PoD) ISBN:978-1- 7281-1101-8	https://ieeexplore.ieee.org/document/9336969
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Start-Up Community Using Blockchain	Dr. S.Samundeswari, Ms.A.Sangeerani Devi	Lecture Notes in Electrical Engineering. Springer	2020	Print ISBN 978- 981-15-4774-4 Online ISBN 978- 981-15-4775-1	https://doi.org/10.1007/978-981-15-4775-1_2
Plant Leaf Disease Classification and Detection System Using Machine Learning	Dr. S.Samundeswari, DrM.Nithya	Journal of Physics: Conference Series ,2020	2020	ISSN 1742-6588	https://iopscience.iop.org/article/10.1088/1742-6596/1712/1/012038/meta
Detection of Impersonation in online Examination using Blockchain	Dr. S.Samundeswari	IEEE Xplore Digital Library	2020	Electronic ISBN:978-1- 7281-1084-4 Print on Demand(PoD) ISBN:978-1- 7281-1101-8	https://ieeexplore.ieee.org/document/9337001
ANYWHERE EVOTE: ATM as EVM	Ms.A.Sangeerani Devi, Ms.D.Kavitha, Ms.A.Shali	Journal of Physics: Conference Series	2020	ISSN 1742-6588	https://iopscience.iop.org/article/10.1088/1742-6596/1724/1/012021/pdf

Prostate Cancer Discernment	Ms.S.Meera	IEEE Xplore Digital Library	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD) ISBN:978-1-7281-1101-8	https://ieeexplore.ieee.org/document/9337027
Automated Irrigation System And Detection of Nutrient	Ms.R.Sharmikha Sree	IEEE Xplore Digital Library	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD)	https://ieeexplore.ieee.org/document/9336990

Content in the Soil				ISBN:978-1-7281-1101-8	
Predicting the Devitalization of Satellite Signals Caused Due to Progressive Rain Fade Mitigation in Tropical Regions	Ms.M.Kiruthiga Devi	IEEE XPLORE	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD) ISBN:978-1-7281-1101-8	https://ieeexplore.ieee.org/document/9336993
Real Time Non-Invasive Continuous Glucose Monitoring Using AI		IEEE XPLORE	2020	Electronic ISBN:978-1-7281-1084-4 Print on Demand(PoD) ISBN:978-1-7281-1101-8	https://ieeexplore.ieee.org/document/9336965

Parallel Implementation Of K-Means Algorithm Using MPI		Journal of Critical Reviews	2020	ISSN 2394-5125	https://www.researchgate.net/publication/344264007 PARALLEL IMPLEMENTATION OF K-MEANS ALGORITHM USING MPI
Prediction of Customer Purchase Intention Using Linear Support Vector Machine in Digital Marketing	Mr. N.Gopinath	Journal of Physics: Conference Series	2020	ISSN 1742-6588	https://iopscience.iop.org/article/10.1088/1742-6596/1712/1/012024