

## **Dr.L.Rama Nathan - List of Publications**

### **Cost-Effective Solution for Visually Impaired**

*Algorithms for Intelligent Systems*

2021 | book-chapter

DOI: 10.1007/978-981-15-4936-6\_61

Part of ISBN: 9789811549359

Part of ISBN: 9789811549366

Part of ISSN: 2524-7565

Part of ISSN: 2524-7573

**Source:**L.Rama Nathan

### **Doctor on Net with Effective Medicine Dispatcher in Medical Analysis**

*Intelligent Systems and Computer Technology*

2020-11-10 | book-chapter

DOI: 10.3233/APC200120

**Source:**L.Rama Nathan

### **A Review of Multi-objective Evolutionary Algorithms for Information Retrieval System**

*International Journal of Emerging Trends in Engineering Research*

2020-10-19 | journal-article

DOI: 10.30534/ijeter/2020/1458102020

Part of ISSN: 2347-3983

**Source:**L.Rama Nathan

### **Blockchain, Big Data and Machine Learning**

[]

2020-09-23 | book-chapter

DOI: 10.1201/9780429352546

Part of ISBN: 9780429352546

**Source:**L.Rama Nathan

### **Chicken swarm foraging algorithm for big data classification using the deep belief network classifier**

*Data Technologies and Applications*

2020-07-29 | journal-article

DOI: 10.1108/dta-08-2019-0146

Part of ISSN: 2514-9288

**Source:**L.Rama Nathan

**Data visualization: Visualization of social media marketing analysis data to generate effective business revenue model**

*Data Visualization: Trends and Challenges Toward Multidisciplinary Perception*

2020 | book-chapter

Part of DOI: 10.1007/978-981-15-2282-6\_5

EID: 2-s2.0-85089322691

**Source:**L.Rama Nathan via Scopus - Elsevier

**Image Encryption Using Modified Elliptic Curve Cryptography and Hill Cipher**

*Smart Innovation, Systems and Technologies*

2020 | book

DOI: 10.1007/978-981-13-9282-5\_64

EID: 2-s2.0-85075747441

**Source:**L.Rama Nathan via Scopus - Elsevier

**Secured Smart Hospital Cabin Door Knocker Using Internet of Things (IoT)**

*Intelligent Systems Reference Library*

2020 | book-chapter

DOI: 10.1007/978-3-030-37551-5\_5

Part of ISBN: 9783030375508

Part of ISBN: 9783030375515

Part of ISSN: 1868-4394

Part of ISSN: 1868-4408

**Source:**L.Rama Nathan

**Vehicle Monitoring and Accident Prevention System Using Internet of Things**

*Emerging Trends in Computing and Expert Technology*

2020 | book-chapter

DOI: 10.1007/978-3-030-32150-5\_141

Part of ISBN: 9783030321499

Part of ISBN: 9783030321505

Part of ISSN: 2367-4512

Part of ISSN: 2367-4520

**Source:**L.Rama Nathan

**Internet of Things based Remote Patients Observatory  
System Using Biomedical Sensors**

*Indian Journal of Public Health Research & Development*

2019-12-01 | journal-article

DOI: 10.37506/v10/i12/2019/ijphrd/192019

Part of ISSN: 0976-5506

Part of ISSN: 0976-0245

Source: L. Rama Nathan

**WATER INUNDATION CATASTROPHE MONITORING  
AND ALERT SYSTEM**

*Publication of the Patent Office*

2019-10-18 | patent

Source: L. Rama Nathan

**Detecting Diabetic Retinopathy from Retinal Images  
Using CUDA Deep Neural Network**

*Intelligent Pervasive Computing Systems for Smarter  
Healthcare*

2019-07-22 | other

DOI: 10.1002/9781119439004.ch17

ISBN: 9781119438960

ISBN: 9781119439004

Source: L. Rama Nathan

**Building and Improving Artificial Neural Network  
Classifier**

*International Journal of Innovative Technology and  
Exploring Engineering*

2019-07-10 | journal-article

DOI: 10.35940/ijitee.i8311.078919

Part of ISSN: 2278-3075

Source: L. Rama Nathan

**Comparative Case Study of Machine Learning  
Classification Techniques Using Imbalanced Credit  
Card Fraud Datasets**

*International Conference on Sustainable Computing in  
Science, Technology & Management (SUSCOM-2019)*

2019-02-26 | conference-paper

Source: L. Rama Nathan

**Chat-bot-based natural language interface for blogs and information networks**

*International Journal of Web Based Communities*

2019 | journal-article

DOI: 10.1504/IJWBC.2019.101048

EID: 2-s2.0-85069743024

**Source:**L.Rama Nathan via Scopus - Elsevier

**Cluster-based distributed architecture for prediction of student's performance in higher education**

*Cluster Computing*

2019 | journal-article

DOI: 10.1007/s10586-017-1624-7

EID: 2-s2.0-85040247645

**Source:**L.Rama Nathan via Scopus - Elsevier

**Face recognition using triplet loss function in keras**

*International Journal of Engineering and Advanced Technology*

2019 | journal-article

EID: 2-s2.0-85062714972

**Source:**L.Rama Nathan via Scopus - Elsevier

**Predicting source and age of brain tumor using canny edge detection algorithm and threshold technique**

*Asian Pacific Journal of Cancer Prevention*

2019 | journal-article

DOI: 10.31557/APJCP.2019.20.5.1409

EID: 2-s2.0-85066919109

**Source:**L.Rama Nathan via Scopus - Elsevier

**Recommendation model based on trust relations & user credibility**

*Journal of Intelligent and Fuzzy Systems*

2019 | journal-article

DOI: 10.3233/JIFS-169966

**Source:**L.Rama Nathan

**Smart multi-crop irrigation system using IOT**

*International Journal of Innovative Technology and Exploring Engineering*

2019 | journal-article

EID: 2-s2.0-85067878237

**Source:**L.Rama Nathan via Scopus - Elsevier

**Using citation context to improve the retrieval of research article from Cancer Research Journals**

*Asian Pacific Journal of Cancer Prevention*

2019 | journal-article

DOI: 10.31557/APJCP.2019.20.3.951

EID: 2-s2.0-85063782382

**Source:**L.Rama Nathan via Scopus - Elsevier

**AN ADAPTIVE ENERGY EFFICIENT DATA GATHERING IN WIRELESS SENSOR NETWORKS**

*International Journal of Pure and Applied Mathematics*

2018-05-15 | journal-article

**Source:**L.Rama Nathan

**GAS Level Monitoring and Auto Booking Using IoT With Leakage Alert**

*International Journal of Pure and Applied Mathematics*

2018-05-15 | journal-article

**Source:**L.Rama Nathan

**Human Body Kinematics Detection System using Heart Rate Monitoring**

*International Journal of Pure and Applied Mathematics*

2018-05-15 | journal-article

**Source:**L.Rama Nathan

**Intrusion Detection in Computer Networks using Lazy Learning Algorithm**

*Procedia Computer Science*

2018 | conference-paper

DOI: 10.1016/j.procs.2018.05.108

EID: 2-s2.0-85049073557

**Source:**L.Rama Nathan via Scopus - Elsevier

**Iterative MapReduce: I-MapReduce on medical dataset using Hadoop**

*Big Data Analytics for Satellite Image Processing and Remote Sensing*

2018 | book

Part of DOI: 10.4018/978-1-5225-3643-7.ch007

EID: 2-s2.0-85046506202

**Source:**L.Rama Nathan via Scopus - Elsevier

### **Women abandon system**

*International Journal of Civil Engineering and Technology*

2018 | journal-article

EID: 2-s2.0-85049558382

**Source:**L.Rama Nathan via Scopus - Elsevier

### **DUAL ANGLE COMPARISON FOR WHEEL CHAIR VEHICLE USING FUZZY LOGIC**

*International Research Journal of Engineering and  
Technology*

2017-12-10 | journal-article

ISSN: 2395-0096

**Source:**L.Rama Nathan

### **A Review on Agile Development Process**

*International Journal of Innovative Research in Computer  
and Communication Engineering*

2017-04-15 | journal-article

ISSN: 2320-9801

**Source:**L.Rama Nathan

### **Software Testing methods in the view of Resource preservation and Information outbreak**

*International Research Journal of Engineering and  
Technology*

2017-04-10 | journal-article

ISSN: 2395-0056

**Source:**L.Rama Nathan

### **Software Maintenance: Challenges and Issues and Models for Reducing the Maintenance Cost**

*International Journal of Advanced Research in Computer  
Science*

2017-03-10 | journal-article

ISSN: 0976-5697

**Source:**L.Rama Nathan

### **Detecting diabetic retinopathy from retinal images using CUDA deep neural network**

*International Journal of Intelligent Engineering and  
Systems*

2017 | journal-article

DOI: 10.22266/ijies2017.0831.30

**Source:**L.Rama Nathan

**Student performance prediction model based on lion-wolf neural network**

*International Journal of Intelligent Engineering and Systems*

2017 | journal-article

DOI: 10.22266/ijies2017.0228.13

EID: 2-s2.0-85011534470

**Source:**L.Rama Nathan via Scopus - Elsevier

**A novel genetic and PAFT model for enhancing the student grade performance system in higher educational institutions**

*IJOAB Journal*

2016 | journal-article

EID: 2-s2.0-84989157889

**Source:**L.Rama Nathan via Scopus - Elsevier

**Apply of sum of difference method to predict placement of students' using educational data mining**

*Advances in Intelligent Systems and Computing*

2016 | book

DOI: 10.1007/978-81-322-2755-7\_39

EID: 2-s2.0-84965081889

**Source:**L.Rama Nathan via Scopus - Elsevier

**Delay and disruption tolerant network: The technology and its scope**

*International Journal of Pharmacy and Technology*

2016 | journal-article

EID: 2-s2.0-84992365224

**Source:**L.Rama Nathan via Scopus - Elsevier

**Mining students' record to predict their performance in undergraduate degree**

*International Journal of Applied Engineering Research*

2015 | journal-article

EID: 2-s2.0-84926648500

**Source:**L.Rama Nathan via Scopus - Elsevier

**Students performance prediction based on multiple classifiers**

*International Journal of Applied Engineering Research*

2014 | journal-article

EID: 2-s2.0-84919723527

**Source:**L.Rama Nathan via Scopus - Elsevier

**Predicting students' performance using modified ID3 algorithm**

*International Journal of Engineering and Technology*

2013 | journal-article

EID: 2-s2.0-84880930860

**Source:**L.Rama Nathan via Scopus - Elsevier

**Centroid neural network based clustering technique using competitive learning**

*6th International Conference on Condition Monitoring and Machinery Failure Prevention Technologies 2009*

2009 | conference-paper

EID: 2-s2.0-84905716847

**Source:**L.Rama Nathan via Scopus - Elsevier

**Data Visualization: Visualization of Social Media Marketing Analysis Data to Generate Effective Business Revenue Model**

*Data Visualization Trends and Challenges Toward Multidisciplinary Perception*  
*Data Visualization Trends and Challenges Toward Multidisciplinary Perception*

book-chapter

**Source:**L.Rama Nathan