## Dr. A Suruliandi  - LIST OF PUBLICATIONS

Local binary pattern and its derivatives for face recognition
A Suruliandi, K Meena, RR Rose
IET computer vision 6 (5), 480-488

86    2012

Performance analysis of encryption algorithms for Information Security
A Ramesh, A Suruliandi
2013 International Conference on Circuits, Power and Computing Technologies …

73    2013

Local binary patterns and its variants for face recognition
K Meena, A Suruliandi
2011 International Conference on Recent Trends in Information Technology …

61    2011

Local texture patterns-a univariate texture model for classification of images
A Suruliandi, K Ramar
2008 16th International Conference on Advanced Computing and Communications …

37    2008

Texture and color feature extraction for classification of melanoma using SVM
JC Kavitha, A Suruliandi
2016 International Conference on Computing Technologies and Intelligent Data …

31    2016

Performance analysis of feature extraction and classification techniques in CBIR
D Jeyabharathi, A Suruliandi
2013 International Conference on Circuits, Power and Computing Technologies …

29    2013

Efficient job scheduling on computational grid with differential evolution algorithm
S Selvi, D Manimegalai, A Suruliandi
International Journal of Computer Theory and Engineering 3 (2), 277-281

25    2011

Performance evaluation on EZW & WDR image compression techniques
SP Raja, A Suruliandi
2010 INTERNATIONAL CONFERENCE ON COMMUNICATION CONTROL AND COMPUTING …

24    2010

Analysis of efficient wavelet based image compression techniques
SP Raja, A Suruliandi
2010 Second International conference on Computing, Communication and …

24    2010

Image compression using WDR & ASWDR techniques with different wavelet codecs
SP Raja, A Suruliandi
ACEEE International Journal on Information Technology 1, 23-26

20    2011

Image denoising using local contrast and adaptive mean in wavelet transform domain

19    2014

P Sharma, K Khan, K Ahmad
International Journal of Wavelets, Multiresolution and Information …

A short message classification algorithm for tweet classification | 16 | 2014
P Selvaperumal, A Suruliandi
2014 International Conference on Recent Trends in Information Technology, 1-3

SURVEY ON CRIME ANALYSIS AND PREDICTION USING DATA MINING TECHNIQUES. | 15 | 2017
H David, A Suruliandi
Ictact journal on soft computing 7 (3)

Melanoma detection in dermoscopic images using global and local feature extraction | 15 | 2017
JC Kavitha, A Suruliandi, D Nagarajan, T Nadu
Int J Multimed Ubiquit Eng 12 (5), 19-28

Texture-based classification of remotely sensed images | 14 | 2015
A Suruliandi, S Jenicka
International Journal of Signal and Imaging Systems Engineering 8 (4), 260-272

Texture analysis using local texture patterns: a fuzzy logic approach | 11 | 2011
EM Srinivasan, K Ramar, A Suruliandi
International Journal of Pattern Recognition and Artificial Intelligence 25 …

Empirical evaluation of EZW and other encoding techniques in the wavelet-based image compression domain | 10 | 2015
A Suruliandi, SP Raja
International Journal of Wavelets, Multiresolution and Information …

Face recognition based on local derivative ternary pattern | 10 | 2014
K Meena, A Suruliandi, RR Rose
IETE Journal of Research 60 (1), 20-32

Empirical evaluation of distance measures for supervised classification of remotely sensed image with modified multivariate local binary pattern | 10 | 2011
S Jenicka, A Suruliandi
2011 International Conference on Emerging Trends in Electrical and Computer …

A textural approach for land cover classification of remotely sensed image | 8 | 2014
S Jenicka, A Suruliandi
CSI transactions on ICT 2 (1), 1-9

Rotation Invariant Texture Classification using Fuzzy Local Texture Patterns 1 | 8 | 2012
EM Srinivasan, A Suruliandi

Anatomical structure segmentation in MRI brain images | 7 | 2011
GG Lakshmi, A Suruliandi
2011 International Conference on Emerging Trends in Electrical and Computer …

| | | |
|---|---|---|
| Comparative study of texture models using supervised segmentation<br>S Jenicka, A Suruliandi<br>Proceedings of ADCOM | 7 | 2008 |
| AN ILLUMINATION INVARIANT TEXTURE BASED FACE RECOGNITION.<br>K Meena, A Suruliandi, RR Rose<br>Journal of Dental Materials & Techniques 4 (2) | 6 | 2013 |
| Performance analysis on road sign detection, extraction and recognition techniques<br>E Shoba, A Suruliandi<br>2013 International Conference on Circuits, Power and Computing Technologies … | 6 | 2013 |
| A study on classification of remotely sensed multispectral images a textural approach<br>A Suruliandi<br>Tirunelveli | 6 | 2009 |
| Secured image compression using AES in bandelet domain<br>SP Raja, A Suruliandi<br>International Journal of Computational Science and Engineering 17 (2), 208-219 | 4 | 2018 |
| Users' click and bookmark based personalization using modified agglomerative clustering for web search engine<br>TD Rajkumar, SP Raja, A Suruliandi<br>International Journal on Artificial Intelligence Tools 26 (06), 1730002 | 4 | 2017 |
| Survey on colour texture and shape features for person re-identification<br>E Poongothai, A Suruliandi<br>Indian Journal of Science and Technology 9 (29) | 4 | 2016 |
| An empirical evaluation of the local texture description framework-based modified local directional number pattern with various classifiers for face recognition<br>RR Rose, K Meena, A Suruliandi<br>Brazilian Archives of Biology and Technology 59 (SPE2) | 4 | 2016 |
| A survey on multicast routing protocols for performance evaluation in wireless sensor network<br>A Suruliandi, T Sampradeepraj<br>ICTACT J. Commun. Technol.: Special Issue on Communication and Health … | 4 | 2015 |
| Fuzzy texture model and support vector machine hybridization for land cover classification of remotely sensed images<br>S Jenicka, A Suruliandi<br>Journal of Applied Remote Sensing 8 (1), 083540 | 4 | 2014 |
| Comparative analysis of texture models for image segmentation<br>G Murugswari, A Suruliandi<br>2011 International Conference on Computer, Communication and Electrical … | 4 | 2011 |

| | | |
|---|---|---|
| Features analysis of person re-identification techniques<br>E Poongothai, A Suruliandi<br>2016 International Conference on Computing Technologies and Intelligent Data … | 3 | 2016 |
| VALIDATING THE PERFORMANCE OF PERSONALIZATION TECHNIQUES IN SEARCH ENGINE.<br>A Suruliandi, TD Rajkumar, P Selvaperumal<br>ICTACT Journal On Soft Computing 5 (3) | 3 | 2015 |
| Local texture description framework-based modified local directional number pattern: a new descriptor for face recognition<br>RR Rose, A Suruliandi, K Meena<br>International Journal of Biometrics 7 (2), 147-169 | 3 | 2015 |
| Empirical evaluation of image reconstruction techniques<br>BS Priya, A Suruliandi<br>2012 Third International Conference on Computing, Communication and … | 3 | 2012 |
| Improving Performance of Texture Based Face Recognition Systems by Segmenting Face Region<br>RR Rose, A Suruliandi | 3 | 2011 |
| Image resolution dependency of local texture patterns in classification of color images<br>A Suruliandi, EM Srinivasan, K Ramar<br>2010 Annual IEEE India Conference (INDICON), 1-6 | 3 | 2010 |
| Semi-supervised personal name disambiguation technique for the web<br>P Selvaperumal, A Suruliandi<br>International Journal of Modern Education and Computer Science 8 (3), 28 | 2 | 2016 |
| Fuzzy based visual texture feature for psoriasis image analysis<br>G Murugeswari, A Suruliandi<br>International Journal of Computer and Information Engineering 8 (10), 1931-1938 | 2 | 2015 |
| LOCAL TEXTURE DESCRIPTION FRAMEWORK FOR TEXTURE BASED FACE RECOGNITION.<br>RR Rose, A Suruliandi, K Meena<br>ICTACT Journal on Image & Video Processing 4 (3) | 2 | 2014 |
| Enhancing the performance of texture-based face recognition through multi-resolution techniques<br>K Meena, A Suruliandi, RR Rose<br>International Journal of Biometrics 6 (4), 363-386 | 2 | 2014 |
| Performance evaluation of the energy efficient localization techniques in WSN<br>DA Ranjithamani, A Suruliandi<br>2012 Third International Conference on Computing, Communication and … | 2 | 2012 |

| | | |
|---|---|---|
| Combining Texture with Geometry for performance enhancement of Facial Recognition techniques<br>RR Rose, A Suruliandi<br>2011 International Conference on Emerging Trends in Electrical and Computer … | 2 | 2011 |
| Machine Learning Techniques for Assisted Reproductive Technology: A Review<br>K Ranjini, A Suruliandi, SP Raja<br>Journal of Circuits, Systems and Computers, 2030010 | 1 | 2020 |
| Gabor-oriented local order feature-based deep learning for face annotation<br>A Kasthuri, A Suruliandi, SP Raja<br>International Journal of Wavelets, Multiresolution and Information … | 1 | 2019 |
| Feature extraction using dominant local texture-color patterns (DLTCP) and classification of color images<br>JC Kavitha, A Suruliandi<br>Journal of medical systems 42 (11), 220 | 1 | 2018 |
| Empirical Study of Ensemble Classifications on Benchmark Datasets<br>HBF David, A Suruliandi<br>Journal of Analysis and Computing 12 (2), 1-14 | 1 | 2018 |
| A survey on face annotation techniques<br>A Kasthuri, A Suruliandi<br>2017 4th International Conference on Advanced Computing and Communication … | 1 | 2017 |
| Distributed texture-based land cover classification algorithm using hidden Markov model for multispectral data<br>S Jenicka, A Suruliandi<br>Survey Review 48 (351), 430-437 | 1 | 2016 |
| String Variant Alias Extraction Method using Ensemble Learner<br>P Selvaperumal, A Suruliandi<br>International Journal of Intelligent Systems and Applications 8 (2), 59 | 1 | 2016 |
| Comparison of Soft Computing Approaches for Texture Based Land Cover Classification of Remotely Sensed Image<br>S Jenicka, A Suruliandi<br>Research Journal of Applied Sciences, Engineering and Technology 10 (10 … | 1 | 2015 |
| Empirical evaluation of generic weighted cubicle pattern and LBP derivatives for abnormality detection in mammogram images<br>A Suruliandi, G Murugeswari, P Arockia Jansi Rani<br>International Journal of Image and Graphics 15 (01), 1550001 | 1 | 2015 |
| EMPIRICAL EVALUATION OF LBP AND ITS DERIVATES FOR ABNORMALITY DETECTION IN MAMMOGRAM IMAGES.<br>A Suruliandi, G Murugeswari<br>ICTACT Journal on Image & Video Processing 4 (4) | 1 | 2014 |

Comparative evaluation of various FFT processor architectures
AF Bashir, A Suruliandi
2014 International Conference on Circuits, Power and Computing Technologies …
1    2014

Performance evaluation of land cover change detection algorithms using remotely sensed data
LA Jude, A Suruliandi
2014 International Conference on Circuits, Power and Computing Technologies …
1    2014

Performance evaluation of various color local texture models for face recognition
T JulietKavitha, A Suruliandi
2013 International Conference on Circuits, Power and Computing Technologies …
1    2013

Color image segmentation using fuzzy local texture patterns
EM Srinivasan, K Ramar, A Suruliandi
International Journal of Computer Applications 41 (18)
1    2012

Comparative study of classification algorithms with modified multivariate local binary pattern texture model on remotely sensed images
S Jenicka, A Suruliandi
2011 International Conference on Recent Trends in Information Technology …
1    2011

Performance evaluation of Local Binary Patterns and it's derivatives for face recognition
K Meena, A Suruliandi
2011 International Conference on Emerging Trends in Electrical and Computer …
1    2011

A Combined Approach Using Textural and Geometrical Features For Face Recognition
A Suruliandi, RR Rose, K Meena
ISSN
1

Balancing Assisted Reproductive Technology Dataset for Improving the Efficiency of Incremental Classifiers and Feature Selection Techniques
A Suruliandi, K Ranjini, SP Raja
Journal of Circuits, Systems and Computers, 2130007
2020

Empirical Evaluation of Texture Features and Classifiers for Liver Disease Diagnosis
A Sinduja, A Suruliandi, SP Raja
International Journal of Image and Graphics 20 (02), 2050015
2020

An empirical evaluation of recent texture features for the classification of natural images
A Suruliandi, JC Kavitha, D Nagarajan
International Journal of Computers and Applications 42 (2), 164-173
2020

Person re-identification using kNN classifier-based fusion approach
E Poongothai, A Suruliandi
International Journal of Advanced Intelligence Paradigms 16 (2), 113-131
2020

Attribute rank-based weighted decision tree
A Suruliandi, HBF David, SP Raja
International Journal of Applied Decision Sciences 13 (1), 46-73

2020

Constructive Lazy Wolf Search Algorithm for Feature Selection in Classification
HB Fredrick David, A Suruliandi, SP Raja
International Journal on Artificial Intelligence Tools 28 (05), 1950016

2019

Texture classification using the rotational-invariant local symmetric tetra pattern
A Suruliandi, A Sinduja, SP Raja
International Journal of Wavelets, Multiresolution and Information …

2019

Global and Local Oriented Gabor Texture Histogram for Person Re-identification
E Poongothai, A Suruliandi
Brazilian Archives of Biology and Technology 62

2019

Preventing crimes ahead of time by predicting crime propensity in released prisoners using data mining techniques
HBF David, A Suruliandi, SP Raja
International Journal of Applied Decision Sciences 12 (3), 307-336

2019

Block-based tri-channel hybrid segmentation of images for foreground extraction
A Sinduja, A Suruliandi
Sādhanā 43 (11), 189

2018

Evaluating Multiscale Transform Based Image Compression Using Encoding Techniques
SP Raja, A Suruliandi
International Journal of Image and Graphics 16 (04), 1650018

2016

TEXTURE BASED LAND COVER CLASSIFICATION ALGORITHM USING GABOR WAVELET AND ANFIS CLASSIFIER.
S Jenicka, A Suruliandi
ICTACT Journal on Image & Video Processing 6 (4)

2016

SUPERVISED ALIAS NAME VALIDATION USING STATISTICAL SIMILARITY COEFFICIENTS.
A Suruliandi, P Selvaperumal, TD Rajkumar
ICTACT Journal on Soft Computing 6 (1)

2015

PERFORMANCE EVALUATION OF DISTANCE MEASURES IN PROPOSED FUZZY TEXTURE MODEL FOR LAND COVER CLASSIFICATION OF REMOTELY SENSED IMAGE.
S Jenicka, A Suruliandi
ICTACT Journal on Soft Computing 4 (3)

2014

A study on authentication protocols for dynamic groups in the network    2014
JAJ Theresa, A Suruliandi
2014 International Conference on Circuits, Power and Computing Technologies …

EM Srinivasan K. Ramar    2012
A Suruliandi