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LIST OF PUBLICATION

Customization of recommendation system using collaborative filtering algorithm on cloud using mahout TS Kumar, S Pandey Intelligent Distributed Computing, 1-10

A modified approach for detecting car in video using feature extraction techniques TS Kumar, SN Sivanandam Eur. J. Sci. Res 77 (1), 134-144

3D reconstruction of face from 2D CT scan images TS Kumar, A Vijai Procedia Engineering 30, 970-977

Automatic character recognition in complex images AK Sadasivan, T Senthilkumar Procedia Engineering 30, 218-225

Object detection and tracking in video using particle filter TS Kumar, SN Sivanandam 2012 Third International Conference on Computing, Communication and ...

Evaluation of Video Analytics for Face Detection and Recognition SS T.Senthil Kumar International Journal of Applied Engineering Research 10, 24003-24016

Improvised classification model for cloud based authentication using keystroke dynamics TS Kumar, A Suresh, A Karumathil Frontier and Innovation in Future Computing and Communications, 885-893

A queueing model for e-Learning system TS Kumar, KIO Prakash Artificial Intelligence and Evolutionary Algorithms in Engineering Systems ...

An improved approach for detecting car in video using neural network model TS Kumar, SN Sivan

3D reconstruction of facial structures from 2D images for cosmetic surgery TS Kumar, PB Rakesh 2011 International Conference on Recent Trends in Information Technology ...

Detection of Car in Video Using Soft Computing Techniques TS Kumar, SN Sivanandam, GP Akhila International Conference on Computing and Communication Systems, 556-565

2D Atlas and coronary detection of human heart for educational purposes TS Kumar, VS Pankajan, BA Dora, EVLN Tarun, EVSR Varun, ... 2011 International Conference on Emerging Trends in Electrical and Computer ...

SUSPICIOUS HUMAN ACTIVITY DETECTION IN CLASSROOM EXAMINATION TSG Narmatha Advances in Intelligent Systems and Computing 412, DOI 10.1007/978-981-10 ...

An improved approach for Character Recognition in Vehicle Number plate using Eigenfeature Regularisation and Extraction Method SN Sivanandam, A Ajay, P Krishnakuma International Journal of Research and Reviews in Electrical and Computer ...

A Novel Face Recognition Algorithm using PCA S Kumar, TS Kumar International Journal of Computer Applications 975, 8887

MEDISCRIPT-MOBILE CLOUD COLLABRATIVE SPEECH RECOGNITION FRAMEWORK TS Kumar International Journal of Computer Applications 975, 8887

OBJECT RECOGNITION IN VIDEO USING AN ACTIVE CONTOUR USING SNAKE ALGORITHM TS Kumar

 $Volume\ Based\ Medical\ Image\ Registration\ by\ Maximization\ of\ Mutual\ Information\ TS\ Kumar,\ R\ Suganya$