Vijaykumar V R

https://orcid.org/0000-0002-6286-9225

Other IDs

Scopus Author ID: 16319533900 (http://www.scopus.com/inward/authorDetails.url?authorID=16319533900&partnerID=MN8TOARS)

Works (33 of 33)

A compacted triple band antenna design for GSM, Wi-Fi and WiMAX communication schemes for information computation system
International Journal of Business Information Systems
2020 | journal-article
DOI: 10.1504/IJBIS.2020.106798
EID: 2-s2.0-85084343860
Part of ISSN: 17460980 17460972
Source: Vijaykumar V R *via* Scopus - Elsevier

A deep learning RcNn approach for vehicle recognition in traffic surveillance system
Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019
2019 | conference-paper
DOI: 10.1109/ICCSP.2019.8698018
EID: 2-s2.0-85065565384
Source: Vijaykumar V R *via* Scopus - Elsevier

Robust secure communication protocol for smart healthcare system with FPGA implementation
Future Generation Computer Systems
2019 | journal-article
DOI: 10.1016/j.future.2019.05.058
EID: 2-s2.0-85066459318
Part of ISSN: 0167739X
Source: Vijaykumar V R *via* Scopus - Elsevier

Vehicle logo recognition using RCNN for intelligent transportation systems
2019 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2019
2019 | conference-paper
DOI: 10.1109/WiSPNET45539.2019.9032733
EID: 2-s2.0-85083253512
Source: Vijaykumar V R *via* Scopus - Elsevier

Application development for reservation based parking slot allotment and management system using Android
Proceedings of 2017 International Conference on Innovations in Information, Embedded and Communication Systems, ICIIECS 2017
2018 | conference-paper
DOI: 10.1109/ICIIECS.2017.8275983
EID: 2-s2.0-85047060735
Source: Vijaykumar V R *via* Scopus - Elsevier

Automatic Moving Vehicle Detection and Classification Based on Artificial Neural Fuzzy Inference System

Wireless Personal Communications

2018 | journal-article

DOI: 10.1007/s11277-018-5347-8

EID: 2-s2.0-85045134499

Part of ISSN: 1572834X 09296212

Source: Vijaykumar V R*via*Scopus - Elsevier

Implementation of 2^n-2^k-1 Modulo Adder Based RFID Mutual Authentication Protocol

IEEE Transactions on Industrial Electronics

2018 | journal-article

DOI: 10.1109/TIE.2017.2711864

EID: 2-s2.0-85040701094

Part of ISSN: 02780046

Source: Vijaykumar V R*via*Scopus - Elsevier

Waste segregation using deep learning algorithm

International Journal of Innovative Technology and Exploring Engineering

2018 | journal-article

EID: 2-s2.0-85061812491

Part of ISSN: 22783075

Source: Vijaykumar V R*via*Scopus - Elsevier

A novel lightweight and low power tag-reader mutual authentication protocol for portable RFID based security systems

IEACon 2016 - 2016 IEEE Industrial Electronics and Applications Conference

2017 | conference-paper

DOI: 10.1109/IEACON.2016.8067405

EID: 2-s2.0-85034056183

Source: Vijaykumar V R*via*Scopus - Elsevier

Background subtraction algorithm and image skeletonization based anomaly event detection for low resolution video

2017 4th International Conference on Signal Processing, Communication and Networking, ICSCN 2017

2017 | conference-paper

DOI: 10.1109/ICSCN.2017.8085708

EID: 2-s2.0-85039926995

Source: Vijaykumar V R*via*Scopus - Elsevier

Histogram shifting based reversible data hiding with controlled contrast enhancement

Proceedings of the 3rd International Conference on Biosignals, Images and Instrumentation, ICBSII 2017

2017 | conference-paper

DOI: 10.1109/ICBSII.2017.8082277

EID: 2-s2.0-85040196847

Source: Vijaykumar V R*via*Scopus - Elsevier

Adaptive impulse detection based selective window median filter for removal of random-valued impulse noise in digital images

COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering

2016 | journal-article

DOI: 10.1108/COMPEL-04-2016-0140

EID: 2-s2.0-84987762475

Part of ISSN: 03321649

Source: Vijaykumar V R *via* Scopus - Elsevier

Adaptive window based multi stage impulse noise detection for removal of random valued impulse noise in digital images

Asian Journal of Information Technology

2016 | journal-article

DOI: 10.3923/ajit.2016.689.693

EID: 2-s2.0-84974588352

Part of ISSN: 19935994 16823915

Source: Vijaykumar V R *via* Scopus - Elsevier

Efficient modified elliptic curve diffie-hellman algorithm for VoIP networks

International Arab Journal of Information Technology

2016 | journal-article

EID: 2-s2.0-84990062864

Part of ISSN: 23094524 16833198

Source: Vijaykumar V R *via* Scopus - Elsevier

VLSI architecture of switching median filter for salt and pepper noise removal

IAENG International Journal of Computer Science

2016 | journal-article

EID: 2-s2.0-84962788700

Part of ISSN: 18199224 1819656X

Source: Vijaykumar V R *via* Scopus - Elsevier

5 W's and 1 H: The furtive of interactive reality television

International Journal of Applied Engineering Research

2015 | journal-article

EID: 2-s2.0-84942693864

Part of ISSN: 09739769 09734562

Source: Vijaykumar V R *via* Scopus - Elsevier

Motivation and impact of viewing reality television programme: An audience study

Indian Journal of Science and Technology

2015 | journal-article

DOI: 10.17485/ijst/2015/v8i27/71556

EID: 2-s2.0-84948678463

Part of ISSN: 09745645 09746846

Source: Vijaykumar V R *via* Scopus - Elsevier

Rail defect detection using Gabor filters with texture analysis

2015 3rd International Conference on Signal Processing, Communication and Networking, ICSCN 2015

2015 | conference-paper

DOI: 10.1109/ICSCN.2015.7219838

EID: 2-s2.0-84954178239

Source: Vijaykumar V R *via* Scopus - Elsevier

Fast switching based median-mean filter for high density salt and pepper noise removal

AEU - International Journal of Electronics and Communications

2014 | journal-article

DOI: 10.1016/j.aeue.2014.06.002

EID: 2-s2.0-84922745796

Part of ISSN: 16180399 14348411

Source: Vijaykumar V R *via* Scopus - Elsevier

Hardware implementation of tag-reader mutual authentication protocol for RFID systems

Integration, the VLSI Journal

2014 | journal-article

DOI: 10.1016/j.vlsi.2013.03.002

EID: 2-s2.0-84888135710

Part of ISSN: 01679260

Source: Vijaykumar V R *via* Scopus - Elsevier

Separation of overlapped chromosomes and pairing of similar chromosomes for karyotyping analysis

Measurement: Journal of the International Measurement Confederation

2014 | journal-article

DOI: 10.1016/j.measurement.2013.11.024

EID: 2-s2.0-84890062867

Part of ISSN: 02632241

Source: Vijaykumar V R *via* Scopus - Elsevier

Straightening of highly curved human chromosome for cytogenetic analysis

Measurement: Journal of the International Measurement Confederation

2014 | journal-article

DOI: 10.1016/j.measurement.2013.10.014

EID: 2-s2.0-84886735908

Part of ISSN: 02632241

Source: Vijaykumar V R *via* Scopus - Elsevier

Leaf biometrics based karyotyping of G-band chromosomes

International Journal of Human Genetics

2013 | journal-article

DOI: 10.1080/09723757.2013.11886208

EID: 2-s2.0-84884621212

Part of ISSN: 09723757

Source: Vijaykumar V R *via* Scopus - Elsevier

Dual tree complex wavelet transform based SAR image despeckling

ICIAS 2012 - 2012 4th International Conference on Intelligent and Advanced Systems: A Conference of World Engineering, Science and Technology Congress (ESTCON) - Conference Proceedings

2012 | conference-paper

DOI: 10.1109/ICIAS.2012.6306140

EID: 2-s2.0-84867940195

Source: Vijaykumar V R *via* Scopus - Elsevier

Efficient image transmission over MIMO channel using compressive sensing

2012 3rd International Conference on Computing, Communication and Networking Technologies, ICCCNT 2012

2012 | conference-paper

DOI: 10.1109/ICCCNT.2012.6396015

EID: 2-s2.0-84873299683

Source: Vijaykumar V R *via* Scopus - Elsevier

Adaptive bilateral filter and bayesian threshold based image denoising

2010 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2010

2010 | conference-paper

DOI: 10.1109/ICCIC.2010.5705819

EID: 2-s2.0-79951797636

Source: Vijaykumar V R *via* Scopus - Elsevier

Decision based adaptive median filter to remove blotches, scratches, streaks, stripes and impulse noise in images

Proceedings - International Conference on Image Processing, ICIP

2010 | conference-paper

DOI: 10.1109/ICIP.2010.5651915

EID: 2-s2.0-78651110108

Part of ISSN: 15224880

Source: Vijaykumar V R *via* Scopus - Elsevier

Fast and efficient algorithm to remove gaussian noise in digital images

IAENG International Journal of Computer Science

2010 | journal-article

EID: 2-s2.0-77956459903

Part of ISSN: 1819656X 18199224

Source: Vijaykumar V R *via* Scopus - Elsevier

Robust statistics based algorithm to remove salt and pepper noise in images

World Academy of Science, Engineering and Technology

2009 | journal-article

EID: 2-s2.0-84871162269

Part of ISSN: 2010376X 20103778

Source: Vijaykumar V R *via* Scopus - Elsevier

A new efficient algorithm to remove high density gaussian noise with edge preservation

Proceedings of ICSCN 2008 - International Conference on Signal Processing Communications and Networking

2008 | conference-paper

DOI: 10.1109/ICSCN.2008.4447196

EID: 2-s2.0-48149086269

Source: Vijaykumar V R*via*Scopus - Elsevier

Adaptive window based efficient algorithm for removing Gaussian noise in gray scale and color images

Proceedings - International Conference on Computational Intelligence and Multimedia Applications, ICCIMA 2007

2008 | conference-paper

DOI: 10.1109/ICCIMA.2007.54

EID: 2-s2.0-41149095110

Source: Vijaykumar V R*via*Scopus - Elsevier

Detail preserving median based filter for impulse noise removal In digital images

International Conference on Signal Processing Proceedings, ICSP

2008 | conference-paper

DOI: 10.1109/ICOSP.2008.4697249

EID: 2-s2.0-67249110831

Source: Vijaykumar V R*via*Scopus - Elsevier

An efficient algorithm to remove scratches stripes and blotches in still images

2007 International Conference on Intelligent and Advanced Systems, ICIAS 2007

2007 | conference-paper

DOI: 10.1109/ICIAS.2007.4658459

EID: 2-s2.0-57949110179

Source: Vijaykumar V R*via*Scopus - Elsevier

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