

Venkatesan Rajinikanth

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

2,543
citations

27
h-index

45
g-index

163
ext. papers

3,488
ext. citations

2.1
avg, IF

6.15
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 145 | EEG Channel Selection Using Multiobjective Cuckoo Search for Person Identification as Protection System in Healthcare Applications.. <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 5974634 | 3 | 5 |
| 144 | Semi/Fully-Automated Segmentation of Gastric-Polyp Using Aquila-Optimization-Algorithm Enhanced Images. <i>Computers, Materials and Continua</i> , 2022 , 70, 4087-4105 | 3.9 | 2 |
| 143 | A Rapid Artificial Intelligence-Based Computer-Aided Diagnosis System for COVID-19 Classification from CT Images.. <i>Behavioural Neurology</i> , 2021 , 2021, 2560388 | 3 | 3 |
| 142 | Deep Learning Framework to Detect Ischemic Stroke Lesion in Brain MRI Slices of Flair/DW/T1 Modalities. <i>Symmetry</i> , 2021 , 13, 2080 | 2.7 | 0 |
| 141 | An Examination System to Classify the Breast Thermal Images into Early/Acute DCIS Class. <i>Lecture Notes in Networks and Systems</i> , 2021 , 209-220 | 0.5 | 1 |
| 140 | A Framework to Evaluate and Classify the Clinical-Level EEG Signals with Epilepsy. <i>Lecture Notes in Networks and Systems</i> , 2021 , 111-121 | 0.5 | |
| 139 | Hybrid Image Processing-Based Examination of 2D Brain MRI Slices to Detect Brain Tumor/Stroke Section: A Study 2021 , 29-49 | | 3 |
| 138 | VGG19 Network Assisted Joint Segmentation and Classification of Lung Nodules in CT Images.. <i>Diagnostics</i> , 2021 , 11, | 3.8 | 14 |
| 137 | Multi-thresholding with Kapur's Entropy: A Study Using Bat Algorithm with Different Search Operators. <i>Springer Tracts in Nature-inspired Computing</i> , 2021 , 61-78 | 1.8 | 1 |
| 136 | Image Assisted Assessment of Cancer Segment from Dermoscopy Images. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 701-710 | 0.4 | |
| 135 | Brain MRI Examination with Varied Modality Fusion and Chan-Vese Segmentation. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 671-679 | 0.4 | |
| 134 | Extraction of Leukocyte Section from Digital Microscopy Picture with Image Processing Method. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 663-670 | 0.4 | |
| 133 | Examination of Optic Disc Sections of Fundus Retinal Images: A Study with Rim-One Database. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 711-719 | 0.4 | |
| 132 | Extraction of Cancer Section from 2D Breast MRI Slice Using Brain Stom Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 731-739 | 0.4 | 2 |
| 131 | A Study on the Bat Algorithm Technique to Evaluate the Skin Melanoma Images. <i>Springer Tracts in Nature-inspired Computing</i> , 2021 , 45-60 | 1.8 | 3 |
| 130 | Automated Detection of Schizophrenia from Brain MRI Slices using Optimized Deep-Features 2021 , | | 5 |
| 129 | Automated classification of retinal images into AMD/non-AMD Class: a study using multi-threshold and Gaussian-filter enhanced images. <i>Evolutionary Intelligence</i> , 2021 , 14, 1163-1171 | 1.7 | 4 |

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| 128 | Customized VGG19 Architecture for Pneumonia Detection in Chest X-Rays. <i>Pattern Recognition Letters</i> , 2021 , 143, 67-74 | 4.7 | 34 |
| 127 | 2021 , | | 3 |
| 126 | 2021 , | | 6 |
| 125 | Extraction of Tumour in Breast MRI using Joint Thresholding and Segmentation [A Study 2021 , | | 7 |
| 124 | U-Net Supported Segmentation of Ischemic-Stroke-Lesion from Brain MRI Slices 2021 , | | 6 |
| 123 | Effect of Finish Rolling Temperature on Microstructure and Mechanical Properties of Low-Si Steel After Quenching and Nonisothermal Partitioning. <i>Transactions of the Indian Institute of Metals</i> , 2021 , 74, 1253 | 1.2 | 1 |
| 122 | Development of a Framework for Preserving the Disease-Evidence-Information to Support Efficient Disease Diagnosis. <i>International Journal of Data Warehousing and Mining</i> , 2021 , 17, 63-84 | 1 | 9 |
| 121 | An Optimized Method for Skin Cancer Diagnosis Using Modified Thermal Exchange Optimization Algorithm. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 5527698 | 2.8 | 2 |
| 120 | Convolutional-Neural-Network Assisted Segmentation and SVM Classification of Brain Tumor in Clinical MRI Slices. <i>Information Technology and Control</i> , 2021 , 50, 342-356 | 1.3 | 11 |
| 119 | 2021 , | | 2 |
| 118 | Assessment of electromyograms using genetic algorithm and artificial neural networks. <i>Evolutionary Intelligence</i> , 2021 , 14, 261-271 | 1.7 | 5 |
| 117 | Microstructural investigation of rolling contact fatigue (RCF) on a failed planetary gear of a windmill gearbox. <i>Engineering Failure Analysis</i> , 2021 , 121, 105167 | 3.2 | 4 |
| 116 | Automated Segmentation of COVID-19 Lesion from Lung CT Images Using U-Net Architecture. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 20-30 | 0.2 | 2 |
| 115 | Evaluation of brain tumor using brain MRI with modified-moth-flame algorithm and Kapur's thresholding: a study. <i>Evolutionary Intelligence</i> , 2021 , 14, 1053-1063 | 1.7 | 9 |
| 114 | Artificial Intelligence and Machine Learning in Emergency Medicine. <i>Biocybernetics and Biomedical Engineering</i> , 2021 , 41, 156-172 | 5.7 | 10 |
| 113 | Medical Image Processing with Hybrid Image Processing Method 2021 , 129-146 | | |
| 112 | Image fusion practice to improve the ischemic-stroke-lesion detection for efficient clinical decision making. <i>Evolutionary Intelligence</i> , 2021 , 14, 1089-1099 | 1.7 | 5 |
| 111 | Extraction of Abnormal Skin Lesion from Dermoscopy Image using VGG-SegNet 2021 , | | 7 |

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| 110 | 2021, | | 10 |
| 109 | An automated skin melanoma detection system with melanoma-index based on entropy features. <i>Biocybernetics and Biomedical Engineering</i> , 2021 , 41, 997-1012 | 5.7 | 9 |
| 108 | Automated diagnosis of amyotrophic lateral sclerosis using electromyograms and firefly algorithm based neural networks with fractional position update. <i>Physical and Engineering Sciences in Medicine</i> , 2021 , 1 | 7 | 2 |
| 107 | Influence of quenching strategy on phase transformation and mechanical properties of low alloy steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021 , 826, 141937 | 5.3 | 1 |
| 106 | Genetic algorithm based key sequence generation for cipher system. <i>Pattern Recognition Letters</i> , 2020 , 133, 341-348 | 4.7 | 2 |
| 105 | Quench Temperature-Dependent Phase Transformations During Nonisothermal Partitioning. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020 , 51, 3410-3424 | 2.3 | 5 |
| 104 | A Customized VGG19 Network with Concatenation of Deep and Handcrafted Features for Brain Tumor Detection. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3429 | 2.6 | 36 |
| 103 | Time domain analysis on myoelectric activity of masseter muscles in resting and chewing conditions. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2020 , 9, 1 | 1.6 | |
| 102 | Assessment of Fundus Images for Retinal Abnormality Screening A Study. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 303-312 | 0.4 | 0 |
| 101 | A Study on the Examination of RGB Scale Retinal Pictures Using Recent Methodologies. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2020 , 198-220 | 0.4 | |
| 100 | Thresholding Approaches 2020 , 15-28 | | |
| 99 | Objective Function and Image Quality Measures 2020 , 53-60 | | |
| 98 | Diagnosis of Type 2 Diabetes Using Electrogastrograms: Extraction and Genetic AlgorithmBased Selection of Informative Features. <i>JMIR Biomedical Engineering</i> , 2020 , 5, e20932 | 1.3 | 1 |
| 97 | Examination of Retinal Anatomical Structures A Study with Spider Monkey Optimization Algorithm. <i>Springer Tracts in Nature-inspired Computing</i> , 2020 , 177-197 | 1.8 | 2 |
| 96 | Inspection of Crop-Weed Image Database Using Kapur Entropy and Spider Monkey Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 405-414 | 0.4 | 7 |
| 95 | Development of a Semiautomated Evaluation Procedure for Dermoscopy Pictures with Hair Segment. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 283-292 | 0.4 | |
| 94 | Entropy Techniques in Image Analysis 2020 , 69-95 | | |
| 93 | Need for Medical Imaging and Its Modalities 2020 , 43-67 | | |

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| 92 | An Approach to Extract Low-Grade Tumor from Brain MRI Slice Using Soft-Computing Scheme. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 273-282 | 0.4 | 0 |
| 91 | Firefly Algorithm-Based Kapur's Thresholding and Hough Transform to Extract Leukocyte Section from Hematological Images. <i>Springer Tracts in Nature-inspired Computing</i> , 2020 , 221-235 | 1.8 | 9 |
| 90 | Appraisal of Breast Ultrasound Image Using Shannon's Thresholding and Level-Set Segmentation. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 621-630 | 0.4 | 4 |
| 89 | Effect of cooling rate on the evolution of microstructure and mechanical properties of nonisothermally partitioned steels. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020 , 788, 139614 | 5.3 | 11 |
| 88 | Deep-learning framework to detect lung abnormality A study with chest X-Ray and lung CT scan images. <i>Pattern Recognition Letters</i> , 2020 , 129, 271-278 | 4.7 | 128 |
| 87 | Quench Temperature-Dependent Mechanical Properties During Nonisothermal Partitioning. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020 , 51, 5088-5100 ²⁻³ | 2.3 | 2 |
| 86 | Computer-Aided Gastrointestinal Diseases Analysis From Wireless Capsule Endoscopy: A Framework of Best Features Selection. <i>IEEE Access</i> , 2020 , 8, 132850-132859 | 3.5 | 58 |
| 85 | Social Group Optimization-Assisted Kapur's Entropy and Morphological Segmentation for Automated Detection of COVID-19 Infection from Computed Tomography Images. <i>Cognitive Computation</i> , 2020 , 12, 1-13 | 4.4 | 60 |
| 84 | Deep neural network assisted diagnosis of time-frequency transformed electromyograms. <i>Multimedia Tools and Applications</i> , 2020 , 79, 11051-11067 | 2.5 | 20 |
| 83 | A reliable framework for accurate brain image examination and treatment planning based on early diagnosis support for clinicians. <i>Neural Computing and Applications</i> , 2020 , 32, 15897-15908 | 4.8 | 41 |
| 82 | Deep transfer learning-based automated detection of COVID-19 from lung CT scan slices. <i>Applied Intelligence</i> , 2020 , 51, 1-15 | 4.9 | 90 |
| 81 | A Hybrid Framework to Evaluate Breast Abnormality Using Infrared Thermal Images. <i>IEEE Consumer Electronics Magazine</i> , 2019 , 8, 31-36 | 3.2 | 45 |
| 80 | Fetal Head Periphery Extraction from Ultrasound Image using Jaya Algorithm and Chan-Vese Segmentation. <i>Procedia Computer Science</i> , 2019 , 152, 66-73 | 1.6 | 26 |
| 79 | Automated Detection of Alzheimer's Disease Using Brain MRI Images- A Study with Various Feature Extraction Techniques. <i>Journal of Medical Systems</i> , 2019 , 43, 302 | 5.1 | 116 |
| 78 | Automated detection of schizophrenia using nonlinear signal processing methods. <i>Artificial Intelligence in Medicine</i> , 2019 , 100, 101698 | 7.4 | 75 |
| 77 | Social-Group-Optimization based tumor evaluation tool for clinical brain MRI of Flair/diffusion-weighted modality. <i>Biocybernetics and Biomedical Engineering</i> , 2019 , 39, 843-856 | 5.7 | 44 |
| 76 | Morphological Segmentation Analysis and Texture-based Support Vector Machines Classification on Mice Liver Fibrosis Microscopic Images. <i>Current Bioinformatics</i> , 2019 , 14, 282-294 | 4.7 | 44 |
| 75 | Jaya Algorithm-Assisted Evaluation of Tooth Elements Using Digital Bitewing Radiography Images. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2019 , 107-128 | 0.3 | 7 |

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| 74 | A Study on Segmentation of Leukocyte Image With Shannon's Entropy. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2019 , 1-27 | 0.3 | 12 |
| 73 | An Approach to Examine Brain Tumor Based on Kapur's Entropy and Chan-Vese Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 901-909 | 0.4 | 5 |
| 72 | Development of Softcomputing Tool to Evaluate Heart MRI Slices. <i>International Journal of Computer Theory and Engineering</i> , 2019 , 11, 80-83 | 0.1 | 3 |
| 71 | Examination of Plant/Weed Image Dataset Using a Hybrid Image Processing Tool. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019 , 159-183 | 0.4 | |
| 70 | Skin Melanoma Assessment Using Kapur's Entropy and Level Set's Study with Bat Algorithm. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 193-202 | 0.5 | 30 |
| 69 | ABCD Rule Implementation for the Skin Melanoma Assessment [A Study 2019 , | | 8 |
| 68 | Study of microstructural degradation of a failed pinion gear at a cement plant. <i>Engineering Failure Analysis</i> , 2019 , 95, 117-126 | 3.2 | 7 |
| 67 | Social Group Optimization and Shannon's Function-Based RGB Image Multi-level Thresholding. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 123-132 | 0.5 | 6 |
| 66 | Classification of mice hepatic granuloma microscopic images based on a deep convolutional neural network. <i>Applied Soft Computing Journal</i> , 2019 , 74, 40-50 | 7.5 | 41 |
| 65 | Shannon's Entropy and Watershed Algorithm Based Technique to Inspect Ischemic Stroke Wound. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 23-31 | 0.5 | 25 |
| 64 | Evolution of Microstructure in a Low-Si Micro-alloyed Steel Processed Through One-Step Quenching and Partitioning. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019 , 50, 547-555 | 2.3 | 19 |
| 63 | Evolution of Microstructure During Short-term Overheating Failure of a Boiler Water Wall Tube Made of Carbon Steel. <i>Journal of Failure Analysis and Prevention</i> , 2018 , 18, 199-211 | 0.9 | 5 |
| 62 | Segmentation of Tumor from Brain MRI Using Fuzzy Entropy and Distance Regularised Level Set. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 297-304 | 0.2 | 21 |
| 61 | Kapur's Entropy and Active Contour-Based Segmentation and Analysis of Retinal Optic Disc. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 287-295 | 0.2 | 13 |
| 60 | A Hybrid Image Processing Approach to Examine Abnormality in Retinal Optic Disc. <i>Procedia Computer Science</i> , 2018 , 125, 157-164 | 1.6 | 26 |
| 59 | DWT-PCA Image Fusion Technique to Improve Segmentation Accuracy in Brain Tumor Analysis. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 453-462 | 0.2 | 39 |
| 58 | Segmentation of Ischemic Stroke Lesion in Brain MRI Based on Social Group Optimization and Fuzzy-Tsallis Entropy. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 4365-4378 | 2.5 | 72 |
| 57 | An approach to examine Magnetic Resonance Angiography based on Tsallis entropy and deformable snake model. <i>Future Generation Computer Systems</i> , 2018 , 85, 160-172 | 7.5 | 44 |

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| 56 | Multi-level image thresholding using Otsu and chaotic bat algorithm. <i>Neural Computing and Applications</i> , 2018 , 29, 1285-1307 | 4.8 | 119 |
| 55 | Segmentation and Analysis of Brain Tumor Using Tsallis Entropy and Regularised Level Set. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 313-321 | 0.2 | 42 |
| 54 | Social Group Optimization Supported Segmentation and Evaluation of Skin Melanoma Images. <i>Symmetry</i> , 2018 , 10, 51 | 2.7 | 89 |
| 53 | Evaluation of Ischemic Stroke Region From CT/MR Images Using Hybrid Image Processing Techniques. <i>Advances in Multimedia and Interactive Technologies Book Series</i> , 2018 , 194-219 | 0.2 | 14 |
| 52 | Normality Evaluation of EEG Signals Based on Amplitude Level and Entropy Values. <i>International Journal of Signal Processing Systems</i> , 2018 , 6, 22-26 | 2 | 2 |
| 51 | Skin-Melanoma Evaluation with Tsallis Thresholding and Chan-Vese Approach 2018 , | | 4 |
| 50 | Investigation of Breast Melanoma using Hybrid Image-Processing-Tool 2018 , | | 9 |
| 49 | Examination of Digital Mammogram Using Otsu's Function and Watershed Segmentation 2018 , | | 7 |
| 48 | Computational Investigation of Stroke Lesion Segmentation from Flair/DW Modality MRI 2018 , | | 9 |
| 47 | Gray Scale Image Multi-Thresholding with Chaotic Cuckoo Search 2018 , | | 2 |
| 46 | Design of Fractional-Order PI/PID Controller for SISO System Using Social-Group-Optimization 2018 , | | 2 |
| 45 | An Approach to Extract Optic-Disc from Retinal Image Using K-Means Clustering 2018 , | | 7 |
| 44 | Jaya Algorithm Guided Procedure to Segment Tumor from Brain MRI. <i>Journal of Optimization</i> , 2018 , 2018, 1-12 | 0.5 | 31 |
| 43 | Contrast enhanced medical MRI evaluation using Tsallis entropy and region growing segmentation. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 1 | 3.7 | 72 |
| 42 | Microstructure Property Correlation in Low-Si Steel Processed Through Quenching and Nonisothermal Partitioning. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018 , 49, 3501-3514 | 2.3 | 16 |
| 41 | Entropy based segmentation of tumor from brain MR images a study with teaching learning based optimization. <i>Pattern Recognition Letters</i> , 2017 , 94, 87-95 | 4.7 | 145 |
| 40 | An efficient clustering technique and analysis of infrared thermograms 2017 , | | 8 |
| 39 | RGB image multi-thresholding based on Kapur's entropy a study with heuristic algorithms 2017 , | | 12 |

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| 38 | Design of PID controller for chemical process-heuristic algorithm approach 2017 , | | 1 |
| 37 | Automated segmentation of Giemsa stained microscopic images based on entropy value 2017 , | | 1 |
| 36 | Optic disc segmentation based on Otsu's thresholding and level set 2017 , | | 14 |
| 35 | 2017 , | | 13 |
| 34 | Otsu's Multi-Thresholding and Active Contour Snake Model to Segment Dermoscopy Images. <i>Journal of Medical Imaging and Health Informatics</i> , 2017 , 7, 1837-1840 | 1.2 | 47 |
| 33 | Segmentation of Breast Thermal Images Using Kapur's Entropy and Hidden Markov Random Field. <i>Journal of Medical Imaging and Health Informatics</i> , 2017 , 7, 1825-1829 | 1.2 | 50 |
| 32 | Performance enhancement of the poly (vinyl alcohol) (PVA) by activated natural clay clinoptilolite for pervaporation separation of aqueous organic mixtures. <i>Desalination and Water Treatment</i> , 2016 , 57, 4920-4934 | | 15 |
| 31 | Optimal Multilevel Image Thresholding to Improve the Visibility of Plasmodium sp. in Blood Smear Images. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 563-571 | 0.4 | 9 |
| 30 | Robust Color Image Multi-thresholding Using Between-Class Variance and Cuckoo Search Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 379-386 | 0.4 | 21 |
| 29 | Failure Analysis of SA213-T22 Re-heater Rear Tube of Thermal Power Plant. <i>Transactions of the Indian Institute of Metals</i> , 2016 , 69, 665-668 | 1.2 | 4 |
| 28 | Image Multithresholding based on Kapur/Tsallis Entropy and Firefly Algorithm. <i>Indian Journal of Science and Technology</i> , 2016 , 9, | 1 | 23 |
| 27 | RGB Histogram Based Color Image Segmentation Using Firefly Algorithm. <i>Procedia Computer Science</i> , 2015 , 46, 1449-1457 | 1.6 | 82 |
| 26 | Temperature responsive hydrogel magnetic nanocomposites for hyperthermia and metal extraction applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 394, 237-244 | 2.8 | 14 |
| 25 | Design of Controller for Automatic Voltage Regulator Using Teaching Learning Based Optimization. <i>Procedia Technology</i> , 2015 , 21, 295-302 | | 24 |
| 24 | Design of Controller in Double Feedback Control Loop [An Analysis with Heuristic Algorithms. <i>Chemical Product and Process Modeling</i> , 2015 , 10, 253-262 | 1.1 | 4 |
| 23 | Optimal Multilevel Image Threshold Selection Using a Novel Objective Function. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 177-186 | 0.4 | 11 |
| 22 | Otsu Based Optimal Multilevel Image Thresholding Using Firefly Algorithm. <i>Modelling and Simulation in Engineering</i> , 2014 , 2014, 1-17 | 1.3 | 43 |
| 21 | Multilevel Segmentation of Color Image using Levy driven BFO Algorithm 2014 , | | 3 |

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| 20 | Gray-Level Histogram based Multilevel Threshold Selection with Bat Algorithm. <i>International Journal of Computer Applications</i> , 2014 , 93, 1-8 | 1.1 | 15 |
| 19 | Brownian Distribution Guided Bacterial Foraging Algorithm for Controller Design Problem. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 141-148 | 0.4 | 7 |
| 18 | Firefly Algorithm with Various Randomization Parameters: An Analysis. <i>Lecture Notes in Computer Science</i> , 2013 , 110-121 | 0.9 | 13 |
| 17 | PSO-Based PID Controller Design for a Class of Stable and Unstable Systems 2013 , 2013, 1-11 | | 22 |
| 16 | Particle Swarm Approach for Identification of Unstable Processes. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 505-513 | 0.4 | |
| 15 | Controller Parameter Optimization for Nonlinear Systems Using Enhanced Bacteria Foraging Algorithm. <i>Applied Computational Intelligence and Soft Computing</i> , 2012 , 2012, 1-12 | 2.7 | 16 |
| 14 | I-PD Controller Tuning for Unstable System Using Bacterial Foraging Algorithm: A Study Based on Various Error Criterion. <i>Applied Computational Intelligence and Soft Computing</i> , 2012 , 2012, 1-10 | 2.7 | 17 |
| 13 | Setpoint weighted PID controller tuning for unstable system using heuristic algorithm. <i>Archives of Control Sciences</i> , 2012 , 22, 481-505 | | 17 |
| 12 | Modeling, Analysis, and Intelligent Controller Tuning for a Bioreactor: A Simulation Study. <i>ISRN Chemical Engineering</i> , 2012 , 2012, 1-15 | | 5 |
| 11 | Tuning and Retuning of PID Controller for Unstable Systems Using Evolutionary Algorithm. <i>ISRN Chemical Engineering</i> , 2012 , 2012, 1-11 | | 12 |
| 10 | 2DOF PID Controller Tuning for Unstable Systems Using Bacterial Foraging Algorithm. <i>Lecture Notes in Computer Science</i> , 2012 , 519-527 | 0.9 | 3 |
| 9 | Identification and Control of Unstable Biochemical Reactor. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 2010 , 106-111 | 0.2 | 5 |
| 8 | Detecting epilepsy in EEG signals using synchro-extracting-transform (SET) supported classification technique. <i>Journal of Ambient Intelligence and Humanized Computing</i> ,1 | 3.7 | |
| 7 | Automated segmentation of leukocyte from hematological images study using various CNN schemes. <i>Journal of Supercomputing</i> ,1 | 2.5 | 13 |
| 6 | Automated detection of age-related macular degeneration using a pre-trained deep-learning scheme. <i>Journal of Supercomputing</i> ,1 | 2.5 | 2 |
| 5 | Social-Group-Optimization Assisted Kapur's Entropy and Morphological Segmentation for Automated Detection of COVID-19 Infection from Computed Tomography Images | | 6 |
| 4 | Segmentation and Evaluation of COVID-19 Lesion from CT scan Slices - A Study with Kapur/Otsu Function and Cuckoo Search Algorithm | | 10 |
| 3 | Intensified degradation of pharmaceutical effluents by novel aerobic iron-swarf activated molecular oxygen in the presence of ascorbic102, 273-279 | | 3 |

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| 2 | Hybrid Image Processing Methods for Medical Image Examination | 3 |
| 1 | Feature-versus deep learning-based approaches for the automated detection of brain tumor with magnetic resonance images: A comparative study. <i>International Journal of Imaging Systems and Technology</i> , | 2.5 3 |