

# Rajesh Kumar P

## List of Publications by Year in descending order

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93  
papers

682  
citations

687363

13  
h-index

642732

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g-index

99  
all docs

99  
docs citations

99  
times ranked

557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and Secure Pairing-Free Certificateless Aggregate Signature Scheme for Healthcare Wireless Medical Sensor Networks. IEEE Internet of Things Journal, 2019, 6, 9064-9075.	8.7	83
2	Shannon and Fuzzy entropy based evolutionary image thresholding for image segmentation. AEJ - Alexandria Engineering Journal, 2018, 57, 1643-1655.	6.4	80
3	An optimized blind watermarking scheme based on principal component analysis in redundant discrete wavelet domain. Signal Processing, 2020, 172, 107556.	3.7	42
4	An efficient approach for optimal multilevel thresholding selection for gray scale images based on improved differential search algorithm. Ain Shams Engineering Journal, 2018, 9, 1043-1067.	6.1	34
5	Robust digital image watermarking based on fuzzy inference system and back propagation neural networks using DCT. Soft Computing, 2016, 20, 3679-3686.	3.6	33
6	Effective Feature Extraction of ECG for Biometric Application. Procedia Computer Science, 2017, 115, 296-306.	2.0	29
7	An Efficient Optimized Feature Selection with Machine Learning Approach for ECG Biometric Recognition. IETE Journal of Research, 2022, 68, 2743-2754.	2.6	29
8	ECG data optimization for biometric human recognition using statistical distributed machine learning algorithm. Journal of Supercomputing, 2020, 76, 858-875.	3.6	25
9	A Machine Learning Classification Approaches for Biometric Recognition System using ECG Signals. Journal of Engineering Science and Technology Review, 2017, 10, 1-8.	0.4	25
10	Removal of noise from electrocardiogram using digital FIR and IIR filters with various methods. , 2015, , .		23
11	Fuzzy Inference System Based Robust Digital Image Watermarking Technique Using Discrete Cosine Transform. Procedia Computer Science, 2015, 46, 1618-1625.	2.0	20
12	Efficient approach for non-ideal iris segmentation using improved particle swarm optimisation-based multilevel thresholding and geodesic active contours. IET Image Processing, 2018, 12, 1721-1729.	2.5	20
13	De-noising of ECG raw signal by cascaded window based digital filters configuration. , 2015, , .		15
14	A modified blind image watermarking scheme based on DWT, DCT and SVD domain using GA to optimize robustness. , 2016, , .		15
15	A New Robust and Imperceptible Image Watermarking Scheme Based on Hybrid Transform and PSO. International Journal of Intelligent Systems and Applications, 2018, 10, 50-63.	1.1	15
16	Efficient gray image watermarking algorithm based on DWT-SVD using genetic algorithm. , 2016, , .		14
17	Multilevel Image Thresholding for Image Segmentation by Optimizing Fuzzy Entropy using Firefly Algorithm. International Journal of Engineering and Technology, 2017, 9, 472-488.	0.1	13
18	An Optimized Hybrid Algorithm for Blind Watermarking Scheme Using Singular Value Decomposition in RDWT-DCT Domain. Journal of Applied Security Research, 2020, , 1-20.	1.2	11

#	ARTICLE	IF	CITATIONS
19	A new segmentation method for non-ideal iris images using morphological reconstruction FCM based on improved DSA. SN Applied Sciences, 2021, 3, 1.	2.9	11
20	An efficient genetic algorithm based gray scale digital image watermarking for improving the robustness and imperceptibility. , 2016, , .		9
21	Correction of blink artifacts from single channel EEG by EMD-IMF thresholding. , 2018, , .		9
22	Multipurpose Watermarking Based on SWT and SVD. International Journal of Engineering and Technology(UAE), 2018, 7, 65.	0.3	9
23	Optimal Dual Watermarking of Color Images with SWT and SVD Through Genetic Algorithm. Circuits, Systems, and Signal Processing, 2022, 41, 224-248.	2.0	9
24	Integration of HSV Color Histogram and LMEBP Joint Histogram for Multimedia Image Retrieval. Advances in Intelligent Systems and Computing, 2014, , 753-762.	0.6	7
25	Classification of cardiac arrhythmia using hybrid genetic algorithm optimisation for multi-layer perceptron neural network. International Journal of Biomedical Engineering and Technology, 2016, 20, 132.	0.2	6
26	A Robust and Oblivious Grayscale Image Watermarking Scheme Based on Edge Detection, SVD, and GA. Lecture Notes in Electrical Engineering, 2018, , 51-61.	0.4	6
27	Fuzzy Unordered Rule Induction for evaluating cardiac Arrhythmia. Biomedical Engineering Letters, 2013, 3, 74-79.	4.1	5
28	Oppositional Gravitational Search Algorithm and Artificial Neural Network-based Classification of Kidney Images. Journal of Intelligent Systems, 2019, 29, 485-496.	1.6	5
29	Characterization and classification of uterine magnetomyography signals using KNN classifier. , 2018, , .		5
30	Noise Removal in Long-Term ECG Signals Using EMD-Based Threshold Method. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 461-469.	0.7	5
31	An Efficient Variable Step Size Least Mean Square Adaptive Algorithm Used to Enhance the Quality of Electrocardiogram Signal. Advances in Intelligent Systems and Computing, 2014, , 463-475.	0.6	5
32	Detection of Chronic Kidney Disease by Using Artificial Neural Networks and Gravitational Search Algorithm. Lecture Notes in Networks and Systems, 2019, , 441-448.	0.7	5
33	Reducing the grating lobes and main lobe width for increasing range resolution using phase and frequency modulated codes. , 2016, , .		4
34	Efficient method for segmentation of noisy and non-circular iris images using improved particle swarm optimisation-based MRFCM. IET Biometrics, 2020, 9, 78-90.	2.5	4
35	Detection and Estimation of Multiple Point Targets for LFM Echo Using Compressed Sensing. Lecture Notes in Electrical Engineering, 2021, , 267-279.	0.4	4
36	A Novel Frequency-Time Based Approach for the Detection of Characteristic Waves in Electrocardiogram Signal. Lecture Notes in Electrical Engineering, 2016, , 57-67.	0.4	4

#	ARTICLE	IF	CITATIONS
37	An efficient signal processing algorithm for accurate detection of characteristic points in Abnormal ECG signals. , 2016, , .		3
38	Coiflets, artificial neural networks and predictive coding based hybrid image compression methodology. , 2014, , .		2
39	Performance comparison of unimodular sequence using CA, CAN, WeCAN algorithms. , 2016, , .		2
40	Tsallis Entropy Based Image Thresholding for Image Segmentation. Advances in Intelligent Systems and Computing, 2017, , 371-379.	0.6	2
41	Comprehensive Analysis of PAPR Reduction in OFDM, UFMC and Signal Scrambling UFMC Technique using Shuffled Frog Leaping Algorithm. IETE Journal of Research, 2023, 69, 272-283.	2.6	2
42	Performance analysis of meta-heuristics on dual watermarking of color images based on SWT and SVD. Multimedia Tools and Applications, 2022, 81, 1001-1027.	3.9	2
43	Weighted Averaging SWT Technique for Enhanced Image Fusion in X-ray Mammography. Lecture Notes in Electrical Engineering, 2018, , 739-747.	0.4	2
44	Hybrid Blind Watermarking Using RDWT-DCT in Singular Value Decomposition Domain. EAI/Springer Innovations in Communication and Computing, 2022, , 573-584.	1.1	2
45	Moving Target Detection Strategy Using the Deep Learning Framework and Radar Signatures. International Journal of Swarm Intelligence Research, 2022, 13, 1-21.	0.7	2
46	A novel CAM-based robotic indoor exploration algorithm and its area-efficient implementation. , 2008, , .		1
47	Blind Channel Equalization Using CMA Algorithm. , 2009, , .		1
48	Performance analysis of feature selection methods for feature extracted PCG signals. , 2015, , .		1
49	Electrocardiogram signal enhancement using an efficient Sign Regressor error normalized variable step size adaptive algorithm. , 2015, , .		1
50	Performance comparison of compressive sparse channel estimation and feedback in 5G for hyper MIMO system. , 2017, , .		1
51	Performance of variable step size LMS adaptive algorithm for the removal of artifacts from electrocardiogram using DSP processor. , 2017, , .		1
52	A New Approach to Investigation of Discrete Wavelet-Based Multiuser MIMO-OFDM for BPSK Modulation Scheme. Lecture Notes in Electrical Engineering, 2018, , 323-332.	0.4	1
53	Firefly Algorithm based Pseudo-Orthogonal codes for reducing sidelobes and electromagnetic interference.. , 2018, , .		1
54	MMF Analysis of Polyphase sequences for EMI suppression using Cyclic Algorithm-Pruned. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
55	Prediction of Term Labor Using Wavelet Analysis of Uterine Magnetomyography Signals. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 29-37.	0.7	1
56	Occluded Ear Recognition Using Block-Based PCA. Advances in Intelligent Systems and Computing, 2019, , 569-577.	0.6	1
57	Automatic Road Feature Extraction using MRF from LANDSAT-8 OLI Images. , 2019, , .		1
58	M-Band and Rotated M-Band Dual-Tree Complex Wavelet Transform for Texture Image Retrieval. Advances in Intelligent Systems and Computing, 2014, , 775-784.	0.6	1
59	Removal of Artifacts from Electrocardiogram Using Efficient Dead Zone Leaky LMS Adaptive Algorithm. Smart Innovation, Systems and Technologies, 2016, , 619-630.	0.6	1
60	Efficient Electrocardiogram Signal Enhancement Techniques Using Block Processed Noise Cancelers. Journal of Medical Imaging and Health Informatics, 2016, 6, 739-745.	0.3	1
61	An Optimized Semi-blind Watermarking Technique for Digital Images using Bat Algorithm. , 2022, , .		1
62	Meta-heuristic-based FCM-UNet segmentation with multi-objective function and deep learning for brain tumour classification. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2023, 11, 568-585.	1.9	1
63	Performance evaluation of figures of merit for range resolution radar. , 0, , .		0
64	Blind Equalization for MIMO FIR Channel in Wireless Communications. , 2009, , .		0
65	SEMG for Human Computer Interface Using Ann to Navigate Wheel Chair. International Journal of Healthcare Information Systems and Informatics, 2010, 5, 11-19.	0.9	0
66	A multi sensor monochrome video fusion using Image Quality Assessment. , 2014, , .		0
67	A novel approach to improve merit factor values using Rudin-Shapiro and m-sequences. , 2015, , .		0
68	Fast coding with edge preservation for video/image interpolation. , 2016, , .		0
69	A Novel Method for Efficient Optimization of Energy for LTE with QoS Constraints. , 2017, , .		0
70	Correction of ocular artifacts from single channel EEG by EMD with an adaptive thresholding. , 2017, , .		0
71	Computer Aided Segmentation of Blockages in Coronary Heart Images Using Canfis Classifier. Wireless Personal Communications, 2018, 103, 1341-1352.	2.7	0
72	Performance evaluation of hybrid costas codes for increasing range resolution. , 2018, , .		0

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73	Memorized error and varying error bound for extending adaptiveness for normalized subband adaptive filtering. AEJ - Alexandria Engineering Journal, 2018, 57, 2445-2453.	6.4	0
74	Compressed sensing aided estimation of channel in downlink TDD large scale MIMO system. , 2018, , .		0
75	Comparison of different feature extraction methods for the analysis of uterine magnetomyography signals to predict term labor. International Journal of Engineering and Technology(UAE), 2018, 7, 1.	0.3	0
76	Deterministic initialisation principle for normalised subband adaptive filtering. International Journal of Signal and Imaging Systems Engineering, 2018, 11, 246.	0.6	0
77	Effect of pre synthesis sintering on bandgap of CeZrO <sub>4</sub> nano crystalline powders prepared through high energy ball milling for high k dielectric thin films. , 2018, , .		0
78	Land Use Land Cover Classification Using a Novel Decision Tree Algorithm and Satellite Data Sets. Advances in Intelligent Systems and Computing, 2019, , 381-389.	0.6	0
79	Performance Comparison of Linear Precoders for TDD Large Scale MIMO System with Imperfect Reciprocity and Channel Estimations. Wireless Personal Communications, 2020, 110, 2031-2043.	2.7	0
80	Bayesian fusion strategy for moving target detection in multichannel SAR framework. Evolutionary Intelligence, 2020, , 1.	3.6	0
81	Automatic Detection and Correction of Blink Artifacts in Single Channel Neural EEG Signals. , 2020, , .		0
82	Dual Watermarking of Color Images based on SWT and SVD using Invasive Weed Optimization. , 2021, , .		0
83	Road Feature Extraction from LANDSAT-8and ResourceSat-2 Images. Russian Journal of Earth Sciences, 2021, 21, 1-9.	0.7	0
84	A Feasibility Approach in Diagnosing ASD with PIE via Machine Learning Classification Approach using BCI. , 2021, , .		0
85	Teaching-Learning Based Optimization of Dual Watermarking of Color Images. , 2021, , .		0
86	An index based road feature extraction from LANDSAT-8 OLI images. International Journal of Electrical and Computer Engineering, 2021, 11, 1319.	0.7	0
87	Performance Analysis of K-ELM Classifiers with the State-of-Art Classifiers for Human Action Recognition. Lecture Notes in Networks and Systems, 2021, , 349-364.	0.7	0
88	DBC Co-occurrence Matrix for Texture Image Indexing and Retrieval. Advances in Intelligent Systems and Computing, 2014, , 763-773.	0.6	0
89	Fuzzy Inference System Based Robust Digital Image Watermarking in DWT-DCT Domain Using Human Visual System. International Review on Modelling and Simulations, 2016, 9, 265.	0.3	0
90	EEG Signal Analysis for Mental States and Conditions of Human Brain. Lecture Notes in Electrical Engineering, 2018, , 141-151.	0.4	0

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91	Performance of Ternary Sequences Using Adaptive Filter. Lecture Notes in Electrical Engineering, 2018, , 63-73.	0.4	0
92	Cobal -A Novel Design of CNN Basedgait Feature Extraction Using Bat-Elm for Human Tracking System. IOP Conference Series: Materials Science and Engineering, 0, 993, 012094.	0.6	0
93	Deep Convolutional Neural Network driven Neuro-Fuzzy System for Moving Target Detection Using the Radar Signals. Journal of Information and Knowledge Management, 0, , .	1.1	0