

# Navin Rajpal

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

331  
citations

1163117

8  
h-index

996975

15  
g-index

27  
all docs

27  
docs citations

27  
times ranked

287  
citing authors

#	ARTICLE	IF	CITATIONS
1	A robust image encryption algorithm resistant to attacks using DNA and chaotic logistic maps. <i>Multimedia Tools and Applications</i> , 2016, 75, 5455-5472.	3.9	110
2	Robust image watermarking scheme in lifting wavelet domain using GA-LSVR hybridization. <i>International Journal of Machine Learning and Cybernetics</i> , 2018, 9, 145-161.	3.6	43
3	A fast block motion estimation algorithm using dynamic pattern search. <i>Signal, Image and Video Processing</i> , 2013, 7, 151-161.	2.7	23
4	Efficient wavelet families for ECG classification using neural classifiers. <i>Procedia Computer Science</i> , 2018, 132, 11-21.	2.0	22
5	Semiautomatic Road Extraction Framework Based on Shape Features and LS-SVM from High-Resolution Images. <i>Journal of the Indian Society of Remote Sensing</i> , 2020, 48, 513-524.	2.4	20
6	A new illumination normalization framework via homomorphic filtering and reflectance ratio in DWT domain for face recognition. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 5265-5277.	1.4	14
7	Digital Image Watermarking in DCT Domain Using Finite Newton Support Vector Regression. , 2010, , .		10
8	A matching criterion for motion compensation in the temporal coding of video signal. <i>Signal, Image and Video Processing</i> , 2011, 5, 133-139.	2.7	10
9	Face recognition using Symlet, PCA and cosine angle distance measure. , 2016, , .		10
10	Improved fuzzy transform based image compression and fuzzy median filter based its artifact reduction: pairFuzzy. <i>International Journal of Machine Learning and Cybernetics</i> , 2015, 6, 935-952.	3.6	9
11	Adaptive Key Length Based Encryption Algorithm Using DNA Approach. , 2013, , .		7
12	A new approach with enhanced accuracy in zero motion prejudgment for motion estimation in real-time applications. <i>Journal of Real-Time Image Processing</i> , 2019, 16, 989-1005.	3.5	7
13	A two layer chaotic network based image encryption technique. , 2012, , .		6
14	A Quality Based Motion Estimation Criterion for Temporal Coding of Video. , 2009, , .		5
15	Survey of fast block motion estimation algorithms. , 2014, , .		5
16	Sub-band discrete cosine transform-based greyscale image watermarking using general regression neural network. <i>International Journal of Signal and Imaging Systems Engineering</i> , 2015, 8, 380.	0.6	5
17	Fuzzy edge detector based blocking artifacts removal of DCT compressed images. , 2013, , .		4
18	Edge and Fuzzy Transform Based Image Compression Algorithm: edgeFuzzy. <i>Studies in Computational Intelligence</i> , 2017, , 115-142.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Abnormality detection in ECG using hybrid feature extraction approach. , 2018, , .		3
20	Road network extraction using multi-layered filtering and tensor voting from aerial images. Egyptian Journal of Remote Sensing and Space Science, 2021, 24, 211-219.	2.0	3
21	A Novel DWT and Deep Learning Based Feature Extraction Technique for Plant Disease Identification. Advances in Intelligent Systems and Computing, 2022, , 355-367.	0.6	3
22	A block matching criterion for interframe coding of video. , 2008, , .		2
23	Fuzzy edge detector based adaptive quantization image coding: FuzzAQC. , 2012, , .		2
24	An empirical sequence to extract fetal electrocardiogram using the Kernel and wavelet optimization. Journal of Information and Optimization Sciences, 2020, 41, 107-118.	0.3	2
25	Dynamic ECG Classification Using Shift-Invariant DTCWT and Discriminant Analysis. Lecture Notes in Electrical Engineering, 2020, , 490-500.	0.4	2
26	A MULTILEVEL DISTORTION MEASURE FOR BLOCK BASED MOTION ESTIMATION USING INTEGRAL FRAMES. Journal of Circuits, Systems and Computers, 2013, 22, 1250084.	1.5	0
27	New dynamic pattern search based fast motion estimation algorithm. , 2014, , .		0