Navin Rajpal

List of Publications by Year
in descending order

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 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
2	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
3	Semiautomatic Road Extraction Framework Based on Shape Features and LS-SVM from High-Resolution Images. Journal of the Indian Society of Remote Sensing, 2020, 48, 513-524.	2.4	20
4	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
5	Dynamic ECG Classification Using Shift-Invariant DTCWT and Discriminant Analysis. Lecture Notes in Electrical Engineering, 2020, , 490-500.	0.4	2
6	A new approach with enhanced accuracy in zero motion prejudgment for motion estimation in real-time applications. Journal of Real-Time Image Processing, 2019, 16, 989-1005.	3.5	7
7	Robust image watermarking scheme in lifting wavelet domain using GA-LSVR hybridization. International Journal of Machine Learning and Cybernetics, 2018, 9, 145-161.	3.6	43
8	Abnormality detection in ECG using hybrid feature extraction approach. , 2018, , .		3
9	Efficient wavelet families for ECG classification using neural classifiers. Procedia Computer Science, 2018, 132, 11-21.	2.0	22
10	A new illumination normalization framework via homomorphic filtering and reflectance ratio in DWT domain for face recognition. Journal of Intelligent and Fuzzy Systems, 2018, 35, 5265-5277.	1.4	14
11	Edge and Fuzzy Transform Based Image Compression Algorithm: edgeFuzzy. Studies in Computational Intelligence, 2017, , 115-142.	0.9	4
12	Face recognition using Symlet, PCA and cosine angle distance measure. , 2016, , .		10
13	A robust image encryption algorithm resistant to attacks using DNA and chaotic logistic maps. Multimedia Tools and Applications, 2016, 75, 5455-5472.	3.9	110
14	Improved fuzzy transform based image compression and fuzzy median filter based its artifact reduction: pairFuzzy. International Journal of Machine Learning and Cybernetics, 2015, 6, 935-952.	3.6	9
15	Sub-band discrete cosine transform-based greyscale image watermarking using general regression neural network. International Journal of Signal and Imaging Systems Engineering, 2015, 8, 380.	0.6	5
16	New dynamic pattern search based fast motion estimation algorithm. , 2014, , .		0
17	Survey of fast block motion estimation algorithms. , 2014, , .		5
18	Fuzzy edge detector based blocking artifacts removal of DCT compressed images. , 2013, , .		4

#	Article	IF	Citations
19	A fast block motion estimation algorithm using dynamic pattern search. Signal, Image and Video Processing, 2013, 7, 151-161.	2.7	23
20	Adaptive Key Length Based Encryption Algorithm Using DNA Approach. , 2013, , .		7
21	A MULTILEVEL DISTORTION MEASURE FOR BLOCK BASED MOTION ESTIMATION USING INTEGRAL FRAMES. Journal of Circuits, Systems and Computers, 2013, 22, 1250084.	1.5	0
22	Fuzzy edge detector based adaptive quantization image coding: FuzzAQC. , 2012, , .		2
23	A two layer chaotic network based image encryption technique. , 2012, , .		6
24	A matching criterion for motion compensation in the temporal coding of video signal. Signal, Image and Video Processing, 2011, 5, 133-139.	2.7	10
25	Digital Image Watermarking in DCT Domain Using Finite Newton Support Vector Regression. , 2010, , .		10
26	A Quality Based Motion Estimation Criterion for Temporal Coding of Video. , 2009, , .		5
27	A block matching criterion for interframe coding of video. , 2008, , .		2