

Nor Ashidi Mat Isa

List of Publications by Year in descending order

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205
papers

5,164
citations

87888

38
h-index

114465

63
g-index

208
all docs

208
docs citations

208
times ranked

4086
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified Particle Swarm Optimization with Unique Self-cognitive Learning for Global Optimization Problems. Lecture Notes in Electrical Engineering, 2022, , 263-274.	0.4	6
2	An adaptive outlier removal aided k-means clustering algorithm. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 6365-6376.	3.9	14
3	Missing information in imbalanced data stream: fuzzy adaptive imputation approach. Applied Intelligence, 2022, 52, 5561-5583.	5.3	8
4	Differential evolution: A recent review based on state-of-the-art works. AEJ - Alexandria Engineering Journal, 2022, 61, 3831-3872.	6.4	138
5	Improvement of image enhancement for mammogram images using Fuzzy Anisotropic Diffusion Histogram Equalisation Contrast Adaptive Limited (FADHECAL). Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2022, 10, 67-75.	1.9	3
6	A new validity clustering index-based on finding new centroid positions using the mean of clustered data to determine the optimum number of clusters. Expert Systems With Applications, 2022, 191, 116329.	7.6	18
7	Assessment of Delamination Under Insulation Using Ridge Waveguide. IEEE Access, 2022, 10, 36177-36187.	4.2	2
8	Virtual Sensor Using a Super Twisting Algorithm Based Uniform Robust Exact Differentiator for Electric Vehicles. Energies, 2022, 15, 1773.	3.1	0
9	Adaptive local exposure based region determination for non-uniform illumination and low contrast images. AEJ - Alexandria Engineering Journal, 2022, 61, 11185-11195.	6.4	6
10	Differential evolution with modified initialization scheme using chaotic oppositional based learning strategy. AEJ - Alexandria Engineering Journal, 2022, 61, 11835-11858.	6.4	20
11	Correlation analysis and <scp>MLP</scp> / <scp>CMLP</scp> for optimum variables to predict orientation and tilt angles in intelligent solar tracking systems. International Journal of Energy Research, 2021, 45, 453-477.	4.5	20
12	Adaptive Entropy Index Histogram Equalization for Poor Contrast Images. IEEE Access, 2021, 9, 6402-6437.	4.2	14
13	Microwave Nondestructive Testing for Defect Detection in Composites Based on K-Means Clustering Algorithm. IEEE Access, 2021, 9, 4820-4828.	4.2	34
14	Hovering Swarm Particle Swarm Optimization. IEEE Access, 2021, 9, 115719-115749.	4.2	5
15	Nonlinear Exposure Intensity Based Modification Histogram Equalization for Non-Uniform Illumination Image Enhancement. IEEE Access, 2021, 9, 93033-93061.	4.2	12
16	A Bibliometric Statistical Analysis of the Fuzzy Inference System - based Classifiers. IEEE Access, 2021, 9, 77811-77829.	4.2	2
17	AMC2-Pyramid: Intelligent Pyramidal Feature Engineering and Multi-Distance Decision Making for Automatic Multi-Carrier Modulation Classification. IEEE Access, 2021, , 1-1.	4.2	3
18	Practical Full Chip Clock Distribution Design With a Flexible Topology and Hybrid Metaheuristic Technique. IEEE Access, 2021, 9, 14816-14835.	4.2	11

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19	Maximal overlap discrete wavelet-packet transform aided microwave nondestructive testing. NDT and E International, 2021, 119, 102414.	3.7	17
20	Integration of logistic regression and multilayer perceptron for intelligent single and dual axis solar tracking systems. International Journal of Intelligent Systems, 2021, 36, 5605-5669.	5.7	21
21	i-DetectBC: Intelligence detection of breast cancer. Journal of Physics: Conference Series, 2021, 1997, 012009.	0.4	0
22	Meibomian gland cyst detection and classification using hyperspectral imaging. Cogent Engineering, 2021, 8, 1883831.	2.2	0
23	AMC2N: Automatic Modulation Classification Using Feature Clustering-Based Two-Lane Capsule Networks. Electronics (Switzerland), 2021, 10, 76.	3.1	10
24	Breast Lesions Detection Using FADHECAL and Multilevel Otsu Thresholding Segmentation in Digital Mammograms. IFMBE Proceedings, 2021, , 751-759.	0.3	3
25	Automated Classification of Breast Cancer Lesions for Digitised Mammograms via Computer-Aided Diagnosis System. Journal of Applied Science & Process Engineering, 2021, 8, 892-902.	0.1	1
26	A Structural Evolving Approach for Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 273-287.	9.8	7
27	A constrained multi-swarm particle swarm optimization without velocity for constrained optimization problems. Expert Systems With Applications, 2020, 140, 112882.	7.6	94
28	A secured data hiding using affine transformation in video steganography. Procedia Computer Science, 2020, 171, 1147-1156.	2.0	27
29	Iterated Adaptive Entropy-Clip Limit Histogram Equalization for Poor Contrast Images. IEEE Access, 2020, 8, 144218-144245.	4.2	9
30	Modified Particle Swarm Optimization With Effective Guides. IEEE Access, 2020, 8, 188699-188725.	4.2	29
31	Automated human sperm tracking using mean shift - collision detection and modified covariance matrix method. Multimedia Tools and Applications, 2020, 79, 28551-28585.	3.9	3
32	Local Neighbourhood Image Properties for Exposure Region Determination Method in Nonuniform Illumination Images. IEEE Access, 2020, 8, 79977-79997.	4.2	2
33	A Teaching-Learning-Based Optimization with Modified Learning Phases for Continuous Optimization. Advances in Intelligent Systems and Computing, 2020, , 103-124.	0.6	6
34	Efficient single and dual axis solar tracking system controllers based on adaptive neural fuzzy inference system. Journal of King Saud University, Engineering Sciences, 2020, 32, 459-469.	2.0	38
35	A Constrained Teaching-learning-based Optimization with Modified Learning Phases for Constrained Optimization. Journal of Advanced Research in Dynamical and Control Systems, 2020, 12, 1442-1456.	0.2	4
36	Comparison of Background Subtraction and Frame Differencing Methods for Indoor Moving Object Detection. , 2020, , .		1

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37	Overlapping Chromosome Segmentation using U-Net: Convolutional Networks with Test Time Augmentation. <i>Procedia Computer Science</i> , 2019, 159, 524-533.	2.0	39
38	Prospect of Using Artificial Intelligence for Microwave Nondestructive Testing Technique: A Review. <i>IEEE Access</i> , 2019, 7, 110628-110650.	4.2	22
39	Exposure Based Multi-Histogram Equalization Contrast Enhancement for Non-Uniform Illumination Images. <i>IEEE Access</i> , 2019, 7, 70842-70861.	4.2	54
40	Variance-based differential evolution algorithm with an optional crossover for data clustering. <i>Applied Soft Computing Journal</i> , 2019, 80, 1-17.	7.2	46
41	Analysis and Recovery Monitoring of Meibomian Gland Dysfunction Disease using Hyperspectral Imaging. , 2019, , .		2
42	Performance of Feature-Based Techniques for Automatic Digital Modulation Recognition and Classificationâ€™A Review. <i>Electronics (Switzerland)</i> , 2019, 8, 1407.	3.1	29
43	Intelligent Cervical Squamous Epithelial Cells Classification System. <i>Lecture Notes in Networks and Systems</i> , 2019, , 6-6.	0.7	0
44	Nonlinear local-pixel-shifting color constancy algorithm. <i>Multimedia Tools and Applications</i> , 2019, 78, 10401-10448.	3.9	2
45	Automated Compilation Test System for Embedded System. <i>Makara Journal of Technology</i> , 2019, 22, 115.	0.3	0
46	Bi-histogram modification method for non-uniform illumination and low-contrast images. <i>Multimedia Tools and Applications</i> , 2018, 77, 8955-8978.	3.9	9
47	A robust structure identification method for evolving fuzzy system. <i>Expert Systems With Applications</i> , 2018, 93, 267-282.	7.6	12
48	Advances in solar photovoltaic tracking systems: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 2548-2569.	16.4	153
49	Density-based particle swarm optimization algorithm for data clustering. <i>Expert Systems With Applications</i> , 2018, 91, 170-186.	7.6	90
50	A Self-Adaptive Topologically Connected-Based Particle Swarm Optimization. <i>IEEE Access</i> , 2018, 6, 65347-65366.	4.2	25
51	Practical System-on-Chip Repeater Design With Hybrid Meta-Heuristic Techniques. <i>IEEE Access</i> , 2018, 6, 46334-46345.	4.2	4
52	Adaptive Fuzzy Exposure Local Contrast Enhancement. <i>IEEE Access</i> , 2018, 6, 58794-58806.	4.2	16
53	Optimized gravitational-based data clustering algorithm. <i>Engineering Applications of Artificial Intelligence</i> , 2018, 73, 126-148.	8.1	14
54	Saturation avoidance color correction for digital color images. <i>Multimedia Tools and Applications</i> , 2017, 76, 10279-10312.	3.9	3

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55	Knowledge base to fuzzy information granule: A review from the interpretability-accuracy perspective. <i>Applied Soft Computing Journal</i> , 2017, 54, 121-140.	7.2	27
56	Bi-histogram equalization using modified histogram bins. <i>Applied Soft Computing Journal</i> , 2017, 55, 31-43.	7.2	67
57	Automatic system for improving underwater image contrast and color through recursive adaptive histogram modification. <i>Computers and Electronics in Agriculture</i> , 2017, 141, 181-195.	7.7	67
58	Body Matching Algorithm Using Normalize Dynamic Time Warping (NDTW) Skeleton Tracking for Traditional Dance Movement. <i>Lecture Notes in Computer Science</i> , 2017, , 669-680.	1.3	1
59	Single sperm tracking using Intersect Cortical Model-Mean Shift Method. , 2017, , .		3
60	Enhancer-based contrast enhancement technique for non-uniform illumination and low-contrast images. <i>Multimedia Tools and Applications</i> , 2017, 76, 14305-14326.	3.9	12
61	Sustaining Learning in Engineering Capstone Design using Sociomaterial Approaches. , 2017, , .		0
62	A New Region-Based Adaptive Thresholding For Sperm Motility Segmentation. <i>Malaysian Journal of Computer Science</i> , 2017, 29, 272-286.	0.8	6
63	Intensity exposure-based bi-histogram equalization for image enhancement. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016, 24, 3564-3585.	1.4	13
64	Evaluating Nuclear Membrane Irregularity for the Classification of Cervical Squamous Epithelial Cells. <i>PLoS ONE</i> , 2016, 11, e0164389.	2.5	4
65	Modified hybrid median filter for removal of low density random-valued impulse noise in images. , 2016, , .		14
66	Potential use of synchronous pulse coupled neural network in partial occlusion. , 2016, , .		0
67	Automated cervical precancerous cells screening system based on Fourier transform infrared spectroscopy features. <i>Journal of Biomedical Optics</i> , 2016, 21, 075005.	2.6	11
68	A data-hiding technique using scene-change detection for video steganography. <i>Computers and Electrical Engineering</i> , 2016, 54, 423-434.	4.8	39
69	New adaptive interpolation scheme for image upscaling. <i>Multimedia Tools and Applications</i> , 2016, 75, 7293-7325.	3.9	2
70	Automated Sperm Head Detection Using Intersecting Cortical Model Optimised by Particle Swarm Optimization. <i>PLoS ONE</i> , 2016, 11, e0162985.	2.5	6
71	Quadratic of Half Ellipse Smoothing Technique for Cervical Cells FTIR Spectra in a Screening System. <i>Procedia Computer Science</i> , 2015, 59, 133-141.	2.0	2
72	Towards intelligent diagnostic system employing integration of mathematical and engineering model. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1

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73	Study on quantitative measurement of chromatin size of cervical cell images. , 2015, , .		0
74	Segmentation of cervical cell nucleus using Intersecting Cortical Model optimized by Particle Swarm Optimization. , 2015, , .		2
75	Microcalcification diagnosis in digital mammograms based on wavelet analysis and neural networks. , 2015, , .		3
76	A Steganography Approach over Video Images to Improve Security. Indian Journal of Science and Technology, 2015, 8, 79.	0.7	25
77	Landslide Occurrence Prediction Using Trainable Cascade Forward Network and Multilayer Perceptron. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	13
78	Improved image magnification algorithm based on Otsu thresholding. Computers and Electrical Engineering, 2015, 46, 338-355.	4.8	25
79	Histogram based image enhancement for non-uniformly illuminated and low contrast images. , 2015, , .		6
80	A new quantitative evaluation metric for color correction algorithm. , 2015, , .		1
81	Segmentation and detection of human spermatozoa using modified Pulse Coupled Neural Network optimized by Particle Swarm Optimization with Mutual Information. , 2015, , .		9
82	Fast retrieval of hidden data using enhanced hidden Markov model in video steganography. Applied Soft Computing Journal, 2015, 34, 744-757.	7.2	17
83	Information granularity model for evolving context-based fuzzy system. Applied Soft Computing Journal, 2015, 33, 183-196.	7.2	10
84	Adaptive division of labor particle swarm optimization. Expert Systems With Applications, 2015, 42, 5887-5903.	7.6	25
85	Improvement of Features Extraction Process and Classification of Cervical Cancer for the NeuralPap System. Procedia Computer Science, 2015, 60, 750-759.	2.0	18
86	Automatic exclusion of skin border regions from breast MRI using proposed combined approach. , 2015, , .		2
87	A fully automated breast separation For mammographic images. , 2015, , .		3
88	Breast abnormality detection in mammograms using Artificial Neural Network. , 2015, , .		10
89	Enhancement of low quality underwater image through integrated global and local contrast correction. Applied Soft Computing Journal, 2015, 37, 332-344.	7.2	111
90	Radial-Based Cell Formation Algorithm for Separation of Overlapping Cells in Medical Microscopic Images. Procedia Computer Science, 2015, 59, 123-132.	2.0	6

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91	Recursive construction of output-context fuzzy systems for the condition monitoring of electrical hotspots based on infrared thermography. <i>Engineering Applications of Artificial Intelligence</i> , 2015, 39, 120-131.	8.1	22
92	Underwater image quality enhancement through integrated color model with Rayleigh distribution. <i>Applied Soft Computing Journal</i> , 2015, 27, 219-230.	7.2	188
93	A new histogram equalization method for digital image enhancement and brightness preservation. <i>Signal, Image and Video Processing</i> , 2015, 9, 675-689.	2.7	61
94	Switching-based clustering algorithms for segmentation of low-level salt-and-pepper noise-corrupted images. <i>Signal, Image and Video Processing</i> , 2015, 9, 387-398.	2.7	6
95	Adaptive fuzzy intensity measure enhancement technique for non-uniform illumination and low-contrast images. <i>Signal, Image and Video Processing</i> , 2015, 9, 1419-1442.	2.7	16
96	Automatic false edge elimination using locally adaptive regression kernel. <i>Signal, Image and Video Processing</i> , 2015, 9, 1339-1351.	2.7	1
97	Particle swarm optimization with dual-level task allocation. <i>Engineering Applications of Artificial Intelligence</i> , 2015, 38, 88-110.	8.1	32
98	Evolving output-context fuzzy system for effective rule base. <i>Expert Systems With Applications</i> , 2015, 42, 1972-1986.	7.6	2
99	A GA-based feature selection and parameter optimization of an ANN in diagnosing breast cancer. <i>Pattern Analysis and Applications</i> , 2015, 18, 861-870.	4.6	88
100	Enhanced Genetic Algorithm Applied for Global Optimization. <i>Lecture Notes in Computer Science</i> , 2015, , 198-205.	1.3	2
101	A Fuzzy-C-Means-Clustering Approach: Quantifying Chromatin Pattern of Non-Neoplastic Cervical Squamous Cells. <i>PLoS ONE</i> , 2015, 10, e0142830.	2.5	14
102	A Review of Computer-Aided Detection and Diagnosis of Breast Cancer in Digital Mammography. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2015, 15, 110-121.	0.0	10
103	A steganography approach for sequential data encoding and decoding in video images. , 2014, , .		6
104	Underwater image quality enhancement through composition of dual-intensity images and Rayleigh-stretching. , 2014, , .		18
105	Structural fuzzy classification system, evolves and its engineering application. , 2014, , .		0
106	An improved image magnification algorithm for color images. , 2014, , .		1
107	Underwater image quality enhancement through composition of dual-intensity images and Rayleigh-stretching. <i>SpringerPlus</i> , 2014, 3, 757.	1.2	51
108	Modeling and Testing Landslide Hazard Using Decision Tree. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-9.	0.9	64

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109	Multiple Adaptive Neuro-Fuzzy Inference System with Automatic Features Extraction Algorithm for Cervical Cancer Recognition. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-12.	1.3	10
110	Adaptive fuzzy contrast factor enhancement technique for low contrast and nonuniform illumination images. Signal, Image and Video Processing, 2014, 8, 1591-1603.	2.7	49
111	Determination of importance for comprehensive topographic factors on landslide hazard mapping using artificial neural network. Environmental Earth Sciences, 2014, 72, 787-799.	2.7	29
112	Teaching and peer-learning particle swarm optimization. Applied Soft Computing Journal, 2014, 18, 39-58.	7.2	79
113	An adaptive two-layer particle swarm optimization with elitist learning strategy. Information Sciences, 2014, 273, 49-72.	6.9	72
114	Computer-Aided Segmentation System for Breast MRI Tumour using Modified Automatic Seeded Region Growing (BMRI-MASRG). Journal of Digital Imaging, 2014, 27, 133-144.	2.9	36
115	Particle swarm optimization with increasing topology connectivity. Engineering Applications of Artificial Intelligence, 2014, 27, 80-102.	8.1	81
116	Feature-Based Ordering Algorithm for Data Presentation of Fuzzy ARTMAP Ensembles. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 812-819.	11.3	7
117	Particle swarm optimization with adaptive time-varying topology connectivity. Applied Soft Computing Journal, 2014, 24, 623-642.	7.2	39
118	Intelligent Landslide System Based on Discriminant Analysis and Cascade-Forward Back-Propagation Network. Arabian Journal for Science and Engineering, 2014, 39, 5575-5584.	1.1	18
119	Adaptive Image Enhancement based on Bi-Histogram Equalization with a clipping limit. Computers and Electrical Engineering, 2014, 40, 86-103.	4.8	65
120	Bidirectional teaching and peer-learning particle swarm optimization. Information Sciences, 2014, 280, 111-134.	6.9	35
121	Underwater image quality enhancement through Rayleigh-stretching and averaging image planes. International Journal of Naval Architecture and Ocean Engineering, 2014, 6, 840-866.	2.3	45
122	Breast MRI Tumour Segmentation Using Modified Automatic Seeded Region Growing Based on Particle Swarm Optimization Image Clustering. Advances in Intelligent Systems and Computing, 2014, , 49-60.	0.6	25
123	An Adaptive Fuzzy Contrast Enhancement Algorithm with Details Preserving. Journal of ICT Research and Applications, 2014, 8, 126-140.	0.8	1
124	Intelligent Medical Disease Diagnosis Using Improved Hybrid Genetic Algorithm - Multilayer Perceptron Network. Journal of Medical Systems, 2013, 37, 9934.	3.6	54
125	Automated two-dimensional K-means clustering algorithm for unsupervised image segmentation. Computers and Electrical Engineering, 2013, 39, 907-917.	4.8	19
126	A genetic algorithm-based multi-objective optimization of an artificial neural network classifier for breast cancer diagnosis. Neural Computing and Applications, 2013, 23, 1427-1435.	5.6	33

#	ARTICLE	IF	CITATIONS
127	Novel initialization scheme for Fuzzy C-Means algorithm on color image segmentation. Applied Soft Computing Journal, 2013, 13, 1832-1852.	7.2	45
128	Color image segmentation using adaptive unsupervised clustering approach. Applied Soft Computing Journal, 2013, 13, 2017-2036.	7.2	43
129	Intelligent Breast Cancer Diagnosis Using Hybrid GA-ANN. , 2013, , .		14
130	Two-layer particle swarm optimization with intelligent division of labor. Engineering Applications of Artificial Intelligence, 2013, 26, 2327-2348.	8.1	39
131	Fuzzy image enhancement for low contrast and non-uniform illumination images. , 2013, , .		11
132	Outlier rejection fuzzy c-means (ORFCM) algorithm for image segmentation. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, 21, 1801-1819.	1.4	16
133	Discretized data pattern in endoscopic gastritis images using dynamic window and pairwise gini criterion. , 2013, 2013, 6095-8.		0
134	Determination of Important Topographic Factors for Landslide Mapping Analysis Using MLP Network. Scientific World Journal, The, 2013, 2013, 1-12.	2.1	43
135	Multilayer Fuzzy ARTMAP. , 2012, , .		0
136	Pixel distribution shifting color correction for digital color images. Applied Soft Computing Journal, 2012, 12, 2948-2962.	7.2	33
137	Fuzzy enhancement for nonuniform illumination of microscopic Sprague Dawley rat sperm image. , 2012, , .		2
138	Performance of Hybrid Radial Basis Function network: Adaptive Fuzzy K-Means versus Moving k-Means Clustering as centre positioning algorithms on cervical cell precancerous stage classification. , 2012, , .		2
139	Locally adaptive bilateral clustering for universal image denoising. Opto-electronics Review, 2012, 20, .	2.4	0
140	Enhancement of the Low Contrast Image Using Fuzzy Set Theory. , 2012, , .		44
141	Modified moving k-means clustering algorithm. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2012, 16, 79-86.	1.0	5
142	Intelligent classification of cervical pre-cancerous cells based on the FTIR spectra. Ain Shams Engineering Journal, 2012, 3, 61-70.	6.1	19
143	One-against-all ensemble for multiclass pattern classification. Applied Soft Computing Journal, 2012, 12, 1303-1308.	7.2	12
144	Optimized K-means (OKM) clustering algorithm for image segmentation. Opto-electronics Review, 2012, 20, .	2.4	17

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145	Landslide Susceptibility Hazard Mapping Techniques Review. Journal of Applied Sciences, 2012, 12, 802-808.	0.3	10
146	MRI Breast Skin-line Segmentation and Removal using Integration Method of Level Set Active Contour and Morphological Thinning Algorithms. Journal of Medical Sciences (Faisalabad, Pakistan), 2012, 12, 286-291.	0.0	10
147	Implementation of HMLP network with different activation function for cervical cells classification. , 2011, , .		3
148	Log-gabor wavelets based breast carcinoma classification using least square support vector machine. , 2011, , .		19
149	Locally adaptive bilateral clustering for image deblurring and sharpness enhancement. IEEE Transactions on Consumer Electronics, 2011, 57, 1227-1235.	3.6	15
150	Adaptive Evolutionary Artificial Neural Networks for Pattern Classification. IEEE Transactions on Neural Networks, 2011, 22, 1823-1836.	4.2	77
151	Handwritten Characters Extraction from Form Based on Line Shape Characteristics. Journal of Computer Science, 2011, 7, 1778-1783.	0.6	2
152	Semi-automated pseudo colour features extraction technique for cervical cancer's pap smear images. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2011, 15, 131-143.	1.0	11
153	Enhanced moving K-means (EMKM) algorithm for image segmentation. IEEE Transactions on Consumer Electronics, 2011, 57, 833-841.	3.6	47
154	Design and implementation of a t-way test data generation strategy with automated execution tool support. Information Sciences, 2011, 181, 1741-1758.	6.9	60
155	Automated Intelligent real-time system for aggregate classification. International Journal of Mineral Processing, 2011, 100, 41-50.	2.6	14
156	Color image segmentation using histogram thresholding & Fuzzy C-means hybrid approach. Pattern Recognition, 2011, 44, 1-15.	8.1	198
157	Clustered-Hybrid Multilayer Perceptron network for pattern recognition application. Applied Soft Computing Journal, 2011, 11, 1457-1466.	7.2	76
158	Assessing IRPS as an efficient pairwise test data generation strategy. International Journal of Advanced Intelligence Paradigms, 2010, 2, 90.	0.3	12
159	Modified Recursive Least Squares algorithm to train the Hybrid Multilayered Perceptron (HMLP) network. Applied Soft Computing Journal, 2010, 10, 236-244.	7.2	43
160	Genetic Algorithm-Artificial Neural Network (GA-ANN) Hybrid Intelligence for Cancer Diagnosis. , 2010, , .		21
161	Noise Adaptive Fuzzy Switching Median Filter for Salt-and-Pepper Noise Reduction. IEEE Signal Processing Letters, 2010, 17, 281-284.	3.6	312
162	Performance comparison of gradient descent and Genetic Algorithm based Artificial Neural Networks training. , 2010, , .		9

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163	Adaptive contrast enhancement methods with brightness preserving. IEEE Transactions on Consumer Electronics, 2010, 56, 2543-2551.	3.6	142
164	Quadrants dynamic histogram equalization for contrast enhancement. IEEE Transactions on Consumer Electronics, 2010, 56, 2552-2559.	3.6	118
165	Cluster-based adaptive fuzzy switching median filter for universal impulse noise reduction. IEEE Transactions on Consumer Electronics, 2010, 56, 2560-2568.	3.6	40
166	Adaptive fuzzy-K-means clustering algorithm for image segmentation. IEEE Transactions on Consumer Electronics, 2010, 56, 2661-2668.	3.6	155
167	Denosing-based clustering algorithms for segmentation of low level salt-and-pepper noise-corrupted images. IEEE Transactions on Consumer Electronics, 2010, 56, 2702-2710.	3.6	33
168	Pseudo Color Features Extraction technique for cervical cancer of Pap smear images. , 2010, , .		4
169	Simultaneous Input Selection and Hidden Nodes Optimization for Sunspot Time Series Prediction. , 2010, , .		0
170	Overlapping cells separation method for cervical cell images. , 2010, , .		9
171	Performance of neural network architectures: Cascaded MLP versus extreme learning machine on cervical cell image classification. , 2010, , .		13
172	The use of moving contrast sweep to increase the effectiveness of linear, non-linear and midtone shift contrast enhancement in mammography. Intelligent Decision Technologies, 2009, 3, 101-113.	0.9	0
173	A survey on medical digital imaging of endoscopic gastritis. , 2009, , .		1
174	A novel aggregate classification technique using moment invariants and cascaded multilayered perceptron network. International Journal of Mineral Processing, 2009, 92, 92-102.	2.6	37
175	Capability of new features from FTIR spectral of cervical cells for cervical precancerous diagnostic system using MLP networks. , 2009, , .		6
176	Adaptive fuzzy moving K-means clustering algorithm for image segmentation. IEEE Transactions on Consumer Electronics, 2009, 55, 2145-2153.	3.6	105
177	The Determination of the Number of Suspicious Clustered Micro Calcifications on ROI of Mammogram Images. Lecture Notes in Computer Science, 2009, , 232-242.	1.3	0
178	Drug-like and non drug-like pattern classification based on simple topology descriptor using hybrid neural network. , 2009, 2009, 6424-7.		1
179	Suitable features selection for the HMLP and MLP networks to identify the shape of aggregate. Construction and Building Materials, 2008, 22, 402-410.	7.2	21
180	An automated cervical pre-cancerous diagnostic system. Artificial Intelligence in Medicine, 2008, 42, 1-11.	6.5	65

#	ARTICLE	IF	CITATIONS
181	Hybrid version of MLP neural network for transformer fault diagnosis system. , 2008, , .		3
182	Algebraic strategy to generate pairwise test set for prime number parameters and variables. , 2008, , .		19
183	A strategy for Grid based t-way test data generation. , 2008, , .		19
184	G2Way A Backtracking Strategy for Pairwise Test Data Generation. , 2008, , .		37
185	Generating pairwise combinatorial test set using artificial parameters and values. , 2008, , .		2
186	A meta level dynamic approach to visualize impact analysis for regression testing. , 2008, , .		1
187	Semi-automated region of interest selection tool for mammographic image. , 2008, , .		1
188	Automatic Glass-Slide Capturing System for Cervical Cancer Pre-Screening Program. American Journal of Applied Sciences, 2008, 5, 461-467.	0.2	3
189	JTst Āĉâ, Āĉœ An Automated Unit Testing Tool for Java Program. American Journal of Applied Sciences, 2008, 5, 77-82.	0.2	3
190	IRPS ĀĉĀ An Efficient Test Data Generation Strategy for Pairwise Testing. Lecture Notes in Computer Science, 2008, , 493-500.	1.3	17
191	Detection of Sprague Dawley Sperm Using Matching Method. Lecture Notes in Computer Science, 2008, , 541-547.	1.3	0
192	Ashac: An alternative towards classifying the shape of aggregate. , 2007, , .		0
193	Colour Contrast Enhancement on Preselected Cervical Cell for ThinPrep® Images. , 2007, , .		6
194	Classification of Breast Lesions Using Artificial Neural Network. IFMBE Proceedings, 2007, , 45-49.	0.3	3
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