Nor Ashidi Mat Isa

List of Publications by Year
in descending order

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	Noise Adaptive Fuzzy Switching Median Filter for Salt-and-Pepper Noise Reduction. IEEE Signal Processing Letters, 2010, 17, 281-284.	3.6	312
2	Color image segmentation using histogram thresholding – Fuzzy C-means hybrid approach. Pattern Recognition, 2011, 44, 1-15.	8.1	198
3	Underwater image quality enhancement through integrated color model with Rayleigh distribution. Applied Soft Computing Journal, 2015, 27, 219-230.	7.2	188
4	Adaptive fuzzy-K-means clustering algorithm for image segmentation. IEEE Transactions on Consumer Electronics, 2010, 56, 2661-2668.	3.6	155
5	Advances in solar photovoltaic tracking systems: A review. Renewable and Sustainable Energy Reviews, 2018, 82, 2548-2569.	16.4	153
6	Adaptive contrast enhancement methods with brightness preserving. IEEE Transactions on Consumer Electronics, 2010, 56, 2543-2551.	3.6	142
7	Differential evolution: A recent review based on state-of-the-art works. AEJ - Alexandria Engineering Journal, 2022, 61, 3831-3872.	6.4	138
8	Quadrants dynamic histogram equalization for contrast enhancement. IEEE Transactions on Consumer Electronics, 2010, 56, 2552-2559.	3.6	118
9	Enhancement of low quality underwater image through integrated global and local contrast correction. Applied Soft Computing Journal, 2015, 37, 332-344.	7.2	111
10	Adaptive fuzzy moving K-means clustering algorithm for image segmentation. IEEE Transactions on Consumer Electronics, 2009, 55, 2145-2153.	3.6	105
11	A constrained multi-swarm particle swarm optimization without velocity for constrained optimization problems. Expert Systems With Applications, 2020, 140, 112882.	7.6	94
12	Density-based particle swarm optimization algorithm for data clustering. Expert Systems With Applications, 2018, 91, 170-186.	7.6	90
13	A GA-based feature selection and parameter optimization of an ANN in diagnosing breast cancer. Pattern Analysis and Applications, 2015, 18, 861-870.	4.6	88
14	Particle swarm optimization with increasing topology connectivity. Engineering Applications of Artificial Intelligence, 2014, 27, 80-102.	8.1	81
15	Teaching and peer-learning particle swarm optimization. Applied Soft Computing Journal, 2014, 18, 39-58.	7.2	79
16	Adaptive Evolutionary Artificial Neural Networks for Pattern Classification. IEEE Transactions on Neural Networks, 2011, 22, 1823-1836.	4.2	77
17	Clustered-Hybrid Multilayer Perceptron network for pattern recognition application. Applied Soft Computing Journal, 2011, 11, 1457-1466.	7.2	76
18	An adaptive two-layer particle swarm optimization with elitist learning strategy. Information Sciences, 2014, 273, 49-72.	6.9	72

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19	Bi-histogram equalization using modified histogram bins. Applied Soft Computing Journal, 2017, 55, 31-43.	7.2	67
20	Automatic system for improving underwater image contrast and color through recursive adaptive histogram modification. Computers and Electronics in Agriculture, 2017, 141, 181-195.	7.7	67
21	An automated cervical pre-cancerous diagnostic system. Artificial Intelligence in Medicine, 2008, 42, 1-11.	6.5	65
22	Adaptive Image Enhancement based on Bi-Histogram Equalization with a clipping limit. Computers and Electrical Engineering, 2014, 40, 86-103.	4.8	65
23	Modeling and Testing Landslide Hazard Using Decision Tree. Journal of Applied Mathematics, 2014, 2014, 1-9.	0.9	64
24	A new histogram equalization method for digital image enhancement and brightness preservation. Signal, Image and Video Processing, 2015, 9, 675-689.	2.7	61
25	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
26	Intelligent Medical Disease Diagnosis Using Improved Hybrid Genetic Algorithm - Multilayer Perceptron Network. Journal of Medical Systems, 2013, 37, 9934.	3.6	54
27	Exposure Based Multi-Histogram Equalization Contrast Enhancement for Non-Uniform Illumination Images. IEEE Access, 2019, 7, 70842-70861.	4.2	54
28	Underwater image quality enhancement through composition of dual-intensity images and Rayleigh-stretching. SpringerPlus, 2014, 3, 757.	1.2	51
29	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
30	Enhanced moving K-means (EMKM) algorithm for image segmentation. IEEE Transactions on Consumer Electronics, 2011, 57, 833-841.	3.6	47
31	Variance-based differential evolution algorithm with an optional crossover for data clustering. Applied Soft Computing Journal, 2019, 80, 1-17.	7.2	46
32	Novel initialization scheme for Fuzzy C-Means algorithm on color image segmentation. Applied Soft Computing Journal, 2013, 13, 1832-1852.	7.2	45
33	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
34	Enhancement of the Low Contrast Image Using Fuzzy Set Theory. , 2012, , .		44
35	Modified Recursive Least Squares algorithm to train the Hybrid Multilayered Perceptron (HMLP) network. Applied Soft Computing Journal, 2010, 10, 236-244.	7.2	43
36	Color image segmentation using adaptive unsupervised clustering approach. Applied Soft Computing Journal, 2013, 13, 2017-2036.	7.2	43

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37	Determination of Important Topographic Factors for Landslide Mapping Analysis Using MLP Network. Scientific World Journal, The, 2013, 2013, 1-12.	2.1	43
38	Cluster-based adaptive fuzzy switching median filter for universal impulse noise reduction. IEEE Transactions on Consumer Electronics, 2010, 56, 2560-2568.	3.6	40
39	Two-layer particle swarm optimization with intelligent division of labor. Engineering Applications of Artificial Intelligence, 2013, 26, 2327-2348.	8.1	39
40	Particle swarm optimization with adaptive time-varying topology connectivity. Applied Soft Computing Journal, 2014, 24, 623-642.	7.2	39
41	A data-hiding technique using scene-change detection for video steganography. Computers and Electrical Engineering, 2016, 54, 423-434.	4.8	39
42	Overlapping Chromosome Segmentation using U-Net: Convolutional Networks with Test Time Augmentation. Procedia Computer Science, 2019, 159, 524-533.	2.0	39
43	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
44	G2Way A Backtracking Strategy for Pairwise Test Data Generation. , 2008, , .		37
45	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
46	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
47	Bidirectional teaching and peer-learning particle swarm optimization. Information Sciences, 2014, 280, 111-134.	6.9	35
48	Microwave Nondestructive Testing for Defect Detection in Composites Based on K-Means Clustering Algorithm. IEEE Access, 2021, 9, 4820-4828.	4.2	34
49	Denoising-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
50	Pixel distribution shifting color correction for digital color images. Applied Soft Computing Journal, 2012, 12, 2948-2962.	7.2	33
51	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
52	Particle swarm optimization with dual-level task allocation. Engineering Applications of Artificial Intelligence, 2015, 38, 88-110.	8.1	32
53	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
54	Performance of Feature-Based Techniques for Automatic Digital Modulation Recognition and Classificationâ€"A Review. Electronics (Switzerland), 2019, 8, 1407.	3.1	29

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55	Modified Particle Swarm Optimization With Effective Guides. IEEE Access, 2020, 8, 188699-188725.	4.2	29
56	Knowledge base to fuzzy information granule: A review from the interpretability-accuracy perspective. Applied Soft Computing Journal, 2017, 54, 121-140.	7.2	27
57	A secured data hiding using affine transformation in video steganography. Procedia Computer Science, 2020, 171, 1147-1156.	2.0	27
58	A Steganography Approach over Video Images to Improve Security. Indian Journal of Science and Technology, 2015, 8, 79.	0.7	25
59	Improved image magnification algorithm based on Otsu thresholding. Computers and Electrical Engineering, 2015, 46, 338-355.	4.8	25
60	Adaptive division of labor particle swarm optimization. Expert Systems With Applications, 2015, 42, 5887-5903.	7.6	25
61	A Self-Adaptive Topologically Connected-Based Particle Swarm Optimization. IEEE Access, 2018, 6, 65347-65366.	4.2	25
62	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
63	Recursive construction of output-context fuzzy systems for the condition monitoring of electrical hotspots based on infrared thermography. Engineering Applications of Artificial Intelligence, 2015, 39, 120-131.	8.1	22
64	Prospect of Using Artificial Intelligence for Microwave Nondestructive Testing Technique: A Review. IEEE Access, 2019, 7, 110628-110650.	4.2	22
65	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
66	Genetic Algorithm-Artificial Neural Network (GA-ANN) Hybrid Intelligence for Cancer Diagnosis. , 2010, , .		21
67	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
68	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
69	Differential evolution with modified initialization scheme using chaotic oppositional based learning strategy. AEJ - Alexandria Engineering Journal, 2022, 61, 11835-11858.	6.4	20
70	Algebraic strategy to generate pairwise test set for prime number parameters and variables. , 2008, , .		19
71	A strategy for Grid based t-way test data generation. , 2008, , .		19
72	Log-gabor wavelets based breast carcinoma classification using least square support vector machine. , 2011, , .		19

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73	Intelligent classification of cervical pre-cancerous cells based on the FTIR spectra. Ain Shams Engineering Journal, 2012, 3, 61-70.	6.1	19
74	Automated two-dimensional K-means clustering algorithm for unsupervised image segmentation. Computers and Electrical Engineering, 2013, 39, 907-917.	4.8	19
75	Underwater image quality enhancement through composition of dual-intensity images and Rayleigh-stretching. , 2014, , .		18
76	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
77	Improvement of Features Extraction Process and Classification of Cervical Cancer for the NeuralPap System. Procedia Computer Science, 2015, 60, 750-759.	2.0	18
78	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
79	Optimized K-means (OKM) clustering algorithm for image segmentation. Opto-electronics Review, 2012, 20, .	2.4	17
80	Fast retrieval of hidden data using enhanced hidden Markov model in video steganography. Applied Soft Computing Journal, 2015, 34, 744-757.	7.2	17
81	Maximal overlap discrete wavelet-packet transform aided microwave nondestructive testing. NDT and E International, 2021, 119, 102414.	3.7	17
82	Fine Needle Aspiration Cytology Evaluation for Classifying Breast Cancer Using Artificial Neural Network. American Journal of Applied Sciences, 2007, 4, 999-1008.	0.2	17
83	IRPS â€" An Efficient Test Data Generation Strategy for Pairwise Testing. Lecture Notes in Computer Science, 2008, , 493-500.	1.3	17
84	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
85	Adaptive fuzzy intensity measure enhancement technique for non-uniform illumination and low-contrast images. Signal, Image and Video Processing, 2015, 9, 1419-1442.	2.7	16
86	Adaptive Fuzzy Exposure Local Contrast Enhancement. IEEE Access, 2018, 6, 58794-58806.	4.2	16
87	Locally adaptive bilateral clustering for image deblurring and sharpness enhancement. IEEE Transactions on Consumer Electronics, 2011, 57, 1227-1235.	3.6	15
88	Automated Intelligent real-time system for aggregate classification. International Journal of Mineral Processing, 2011, 100, 41-50.	2.6	14
89	Intelligent Breast Cancer Diagnosis Using Hybrid GA-ANN. , 2013, , .		14
90	Modified hybrid median filter for removal of low density random-valued impulse noise in images. , 2016, , .		14

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91	Optimized gravitational-based data clustering algorithm. Engineering Applications of Artificial Intelligence, 2018, 73, 126-148.	8.1	14
92	Adaptive Entropy Index Histogram Equalization for Poor Contrast Images. IEEE Access, 2021, 9, 6402-6437.	4.2	14
93	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
94	A Fuzzy-C-Means-Clustering Approach: Quantifying Chromatin Pattern of Non-Neoplastic Cervical Squamous Cells. PLoS ONE, 2015, 10, e0142830.	2.5	14
95	Performance of neural network architectures: Cascaded MLP versus extreme learning machine on cervical cell image classification. , 2010, , .		13
96	Landslide Occurrence Prediction Using Trainable Cascade Forward Network and Multilayer Perceptron. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	13
97	Intensity exposure-based bi-histogram equalization for image enhancement. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 3564-3585.	1.4	13
98	Performance Comparison for MLP Networks Using Various Back Propagation Algorithms for Breast Cancer Diagnosis. Lecture Notes in Computer Science, 2005, , 123-130.	1.3	13
99	Assessing IRPS as an efficient pairwise test data generation strategy. International Journal of Advanced Intelligence Paradigms, 2010, 2, 90.	0.3	12
100	One-against-all ensemble for multiclass pattern classification. Applied Soft Computing Journal, 2012, 12, 1303-1308.	7.2	12
101	Enhancer-based contrast enhancement technique for non-uniform illumination and low-contrast images. Multimedia Tools and Applications, 2017, 76, 14305-14326.	3.9	12
102	A robust structure identification method for evolving fuzzy system. Expert Systems With Applications, 2018, 93, 267-282.	7.6	12
103	Nonlinear Exposure Intensity Based Modification Histogram Equalization for Non-Uniform Illumination Image Enhancement. IEEE Access, 2021, 9, 93033-93061.	4.2	12
104	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
105	Fuzzy image enhancement for low contrast and non-uniform illumination images. , 2013, , .		11
106	Automated cervical precancerous cells screening system based on Fourier transform infrared spectroscopy features. Journal of Biomedical Optics, 2016, 21, 075005.	2.6	11
107	Practical Full Chip Clock Distribution Design With a Flexible Topology and Hybrid Metaheuristic Technique. IEEE Access, 2021, 9, 14816-14835.	4.2	11
108	Multilayered perceptron (MLP) network trained by recursive least squares algorithm. , 2005, , .		10

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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	Information granularity model for evolving context-based fuzzy system. Applied Soft Computing Journal, 2015, 33, 183-196.	7.2	10
111	Breast abnormality detection in mammograms using Artificial Neural Network. , 2015, , .		10
112	AMC2N: Automatic Modulation Classification Using Feature Clustering-Based Two-Lane Capsule Networks. Electronics (Switzerland), 2021, 10, 76.	3.1	10
113	Landslide Susceptibility Hazard Mapping Techniques Review. Journal of Applied Sciences, 2012, 12, 802-808.	0.3	10
114	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
115	A Review of Computer-Aided Detection and Diagnosis of Breast Cancer in Digital Mammography. Journal of Medical Sciences (Faisalabad, Pakistan), 2015, 15, 110-121.	0.0	10
116	Performance comparison of gradient descent and Genetic Algorithm based Artificial Neural Networks training. , 2010, , .		9
117	Overlapping cells separation method for cervical cell images. , 2010, , .		9
118	Segmentation and detection of human spermatozoa using modified Pulse Coupled Neural Network optimized by Particle Swarm Optimization with Mutual Information. , 2015, , .		9
119	Bi-histogram modification method for non-uniform illumination and low-contrast images. Multimedia Tools and Applications, 2018, 77, 8955-8978.	3.9	9
120	Iterated Adaptive Entropy-Clip Limit Histogram Equalization for Poor Contrast Images. IEEE Access, 2020, 8, 144218-144245.	4.2	9
121	Predicting Quality of River's Water Based on Algae Composition Using Artificial Neural Network. , 2006, , .		8
122	Missing information in imbalanced data stream: fuzzy adaptive imputation approach. Applied Intelligence, 2022, 52, 5561-5583.	5.3	8
123	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
124	A Structural Evolving Approach for Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 273-287.	9.8	7
125	Colour Contrast Enhancement on Preselected Cervical Cell for ThinPrep® Images. , 2007, , .		6
126	Capability of new features from FTIR spectral of cervical cells for cervical precancerous diagnostic system using MLP networks. , 2009, , .		6

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127	A steganography approach for sequential data encoding and decoding in video images. , 2014, , .		6
128	Histogram based image enhancement for non-uniformly illuminated and low contrast images. , 2015, , .		6
129	Radial-Based Cell Formation Algorithm for Separation of Overlapping Cells in Medical Microscopic Images. Procedia Computer Science, 2015, 59, 123-132.	2.0	6
130	Switching-based clustering algorithms for segmentation of low-level salt-and-pepper noiseâ€"corrupted images. Signal, Image and Video Processing, 2015, 9, 387-398.	2.7	6
131	A Teaching-Learning-Based Optimization with Modified Learning Phases for Continuous Optimization. Advances in Intelligent Systems and Computing, 2020, , 103-124.	0.6	6
132	Modified Particle Swarm Optimization with Unique Self-cognitive Learning for Global Optimization Problems. Lecture Notes in Electrical Engineering, 2022, , 263-274.	0.4	6
133	Automated Sperm Head Detection Using Intersecting Cortical Model Optimised by Particle Swarm Optimization. PLoS ONE, 2016, 11, e0162985.	2.5	6
134	A New Region-Based Adaptive Thresholding For Sperm Motility Segmentation. Malaysian Journal of Computer Science, 2017, 29, 272-286.	0.8	6
135	A BI-RADS Based Expert Systems for the Diagnoses of Breast Diseases. American Journal of Applied Sciences, 2007, 4, 865-873.	0.2	6
136	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
137	Modified moving k-means clustering algorithm. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2012, 16, 79-86.	1.0	5
138	Hovering Swarm Particle Swarm Optimization. IEEE Access, 2021, 9, 115719-115749.	4.2	5
139	Pseudo Color Features Extraction technique for cervical cancer of Pap smear images. , 2010, , .		4
140	Evaluating Nuclear Membrane Irregularity for the Classification of Cervical Squamous Epithelial Cells. PLoS ONE, 2016, 11, e0164389.	2.5	4
141	Practical System-on-Chip Repeater Design With Hybrid Meta-Heuristic Techniques. IEEE Access, 2018, 6, 46334-46345.	4.2	4
142	Automatic Detection of Breast Tumours from Ultrasound Images Using the Modified Seed Based Region Growing Technique. Lecture Notes in Computer Science, 2005, , 138-144.	1.3	4
143	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
144	Hybrid version of MLP neural network for transformer fault diagnosis system. , 2008, , .		3

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145	Implementation of HMLP network with different activation function for cervical cells classification. , 2011, , .		3
146	Microcalcification diagnosis in digital mammograms based on wavelet analysis and neural networks. , 2015, , .		3
147	A fully automated breast separation For mammographic images. , 2015, , .		3
148	Saturation avoidance color correction for digital color images. Multimedia Tools and Applications, 2017, 76, 10279-10312.	3.9	3
149	Single sperm tracking using Intersect Cortical Model-Mean Shift Method. , 2017, , .		3
150	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
151	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
152	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
153	Breast Lesions Detection Using FADHECAL and Multilevel Otsu Thresholding Segmentation in Digital Mammograms. IFMBE Proceedings, 2021, , 751-759.	0.3	3
154	Classification of Breast Lesions Using Artificial Neural Network. IFMBE Proceedings, 2007, , 45-49.	0.3	3
155	Automatic Glass-Slide Capturing System for Cervical Cancer Pre-Screening Program. American Journal of Applied Sciences, 2008, 5, 461-467.	0.2	3
156	JTst Ã¢â¬â€œ An Automated Unit Testing Tool for Java Program. American Journal of Applied Sciences, 2008, 5, 77-82.	0.2	3
157	Image Cytometry Data From Breast Lesions Analyzed using Hybrid Networks. , 2005, 2005, 2059-62.		2
158	An automated software fault injection tool for robustness assessment of java COTs. , 2006, , .		2
159	Generating pairwise combinatorial test set using artificial parameters and values. , 2008, , .		2
160	Handwritten Characters Extraction from Form Based on Line Shape Characteristics. Journal of Computer Science, 2011, 7, 1778-1783.	0.6	2
161	Fuzzy enhancement for nonuniform illumination of microscopic Sprague Dawley rat sperm image. , 2012, , .		2
162	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

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163	Quadratic of Half Ellipse Smoothing Technique for Cervical Cells FTIR Spectra in a Screening System. Procedia Computer Science, 2015, 59, 133-141.	2.0	2
164	Segmentation of cervical cell nucleus using Intersecting Cortical Model optimized by Particle Swarm Optimization. , 2015, , .		2
165	Automatic exclusion of skin border regions from breast MRI using proposed combined approach. , 2015, , .		2
166	Evolving output-context fuzzy system for effective rule base. Expert Systems With Applications, 2015, 42, 1972-1986.	7.6	2
167	New adaptive interpolation scheme for image upscaling. Multimedia Tools and Applications, 2016, 75, 7293-7325.	3.9	2
168	Analysis and Recovery Monitoring of Meibomian Gland Dysfunction Disease using Hyperspectral Imaging. , 2019, , .		2
169	Nonlinear local-pixel-shifting color constancy algorithm. Multimedia Tools and Applications, 2019, 78, 10401-10448.	3.9	2
170	Local Neighbourhood Image Properties for Exposure Region Determination Method in Nonuniform Illumination Images. IEEE Access, 2020, 8, 79977-79997.	4.2	2
171	A Bibliometric Statistical Analysis of the Fuzzy Inference System - based Classifiers. IEEE Access, 2021, 9, 77811-77829.	4.2	2
172	Enhanced Genetic Algorithm Applied for Global Optimization. Lecture Notes in Computer Science, 2015, , 198-205.	1.3	2
173	Assessment of Delamination Under Insulation Using Ridge Waveguide. IEEE Access, 2022, 10, 36177-36187.	4.2	2
174	Improvement of contrast enhancement technique for cervical cell of Pap smear images by reducing the effect of unwanted background information. , 2006, , .		1
175	A meta level dynamic approach to visualize impact analysis for regression testing. , 2008, , .		1
176	Semi-automated region of interest selection tool for mammographic image. , 2008, , .		1
177	A survey on medical digital imaging of endoscopic gastritis. , 2009, , .		1
178	An improved image magnification algorithm for color images. , 2014, , .		1
179	Towards intelligent diagnostic system employing integration of mathematical and engineering model. AIP Conference Proceedings, 2015, , .	0.4	1
180	A new quantitative evaluation metric for color correction algorithm. , 2015, , .		1

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181	Automatic false edge elimination using locally adaptive regression kernel. Signal, Image and Video Processing, 2015, 9, 1339-1351.	2.7	1
182	Body Matching Algorithm Using Normalize Dynamic Time Warping (NDTW) Skeleton Tracking for Traditional Dance Movement. Lecture Notes in Computer Science, 2017, , 669-680.	1.3	1
183	An Adaptive Fuzzy Contrast Enhancement Algorithm with Details Preserving. Journal of ICT Research and Applications, 2014, 8, 126-140.	0.8	1
184	Drug-like and non drug-like pattern classification based on simple topology descriptor using hybrid neural network. , 2009, 2009, 6424-7.		1
185	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
186	Comparison of Background Subtraction and Frame Differencing Methods for Indoor Moving Object Detection. , 2020, , .		1
187	Implementing executable graph based visual language in a distributed environment. , 2006, , .		0
188	Ashac: An alternative towards classifying the shape of aggregate. , 2007, , .		0
189	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
190	Simultaneous Input Selection and Hidden Nodes Optimization for Sunspot Time Series Prediction. , 2010, , .		0
191	Multilayer Fuzzy ARTMAP. , 2012, , .		0
192	Locally adaptive bilateral clustering for universal image denoising. Opto-electronics Review, 2012, 20, .	2.4	0
193	Discretized data pattern in endoscopic gastritis images using dynamic window and pairwise gini criterion. , 2013, 2013, 6095-8.		0
194	Structural fuzzy classification system, evolves and its engineering application. , 2014, , .		0
195	Study on quantitative measurement of chromatin size of cervical cell images. , 2015, , .		0
196	Potential use of synchronous pulse coupled neural network in partial occlusion. , 2016, , .		0
197	Sustaining Learning in Engineering Capstone Design using Sociomaterial Approaches. , 2017, , .		0
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200	Meibomian gland cyst detection and classification using hyperspectral imaging. Cogent Engineering, 2021, 8, 1883831.	2.2	0
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205	Virtual Sensor Using a Super Twisting Algorithm Based Uniform Robust Exact Differentiator for Electric Vehicles. Energies, 2022, 15, 1773.	3.1	0