

Muhammad Sharif

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

162
papers

4,562
citations

41
h-index

59
g-index

175
ext. papers

6,700
ext. citations

3.6
avg, IF

6.65
L-index

#	Paper	IF	Citations
162	Breast microscopic cancer segmentation and classification using unique 4-qubit-quantum model.. <i>Microscopy Research and Technique</i> , 2022 ,	2.8	3
161	Multiclass Skin Lesion Classification Using Hybrid Deep Features Selection and Extreme Learning Machine.. <i>Sensors</i> , 2022 , 22,	3.8	7
160	A Cascaded Design of Best Features Selection for Fruit Diseases Recognition. <i>Computers, Materials and Continua</i> , 2022 , 70, 1491-1507	3.9	2
159	Intelligent Tracking of Mechanically Thrown Objects by Industrial Catching Robot for Automated In-Plant Logistics 4.0.. <i>Sensors</i> , 2022 , 22,	3.8	2
158	A review on federated learning towards image processing. <i>Computers and Electrical Engineering</i> , 2022 , 99, 107818	4.3	5
157	A New Model for Brain Tumor Detection Using Ensemble Transfer Learning and Quantum Variational Classifier.. <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 3236305	3	2
156	Union is Strength: Improving face sketch synthesis by fusing outcomes of Fully-Convolutional-Networks and Random Sampling Locality Constraint. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 10727-10741	6.1	
155	Multi-Class Classification of Breast Cancer Using 6B-Net with Deep Feature Fusion and Selection Method. <i>Journal of Personalized Medicine</i> , 2022 , 12, 683	3.6	2
154	Fused information of DeepLabv3+ and transfer learning model for semantic segmentation and rich features selection using equilibrium optimizer (EO) for classification of NPDR lesions. <i>Knowledge-Based Systems</i> , 2022 , 108881	7.3	2
153	Skin Lesion Detection Using Recent Machine Learning Approaches. <i>Studies in Big Data</i> , 2022 , 193-211	0.9	
152	. <i>IEEE Access</i> , 2021 , 9, 151421-151433	3.5	3
151	An Integrated Design of Fuzzy C-Means and NCA-Based Multi-properties Feature Reduction for Brain Tumor Recognition 2021 , 1-28		6
150	Prediction of COVID-19 - Pneumonia based on Selected Deep Features and One Class Kernel Extreme Learning Machine. <i>Computers and Electrical Engineering</i> , 2021 , 90, 106960	4.3	50
149	Attributes based skin lesion detection and recognition: A mask RCNN and transfer learning-based deep learning framework. <i>Pattern Recognition Letters</i> , 2021 , 143, 58-66	4.7	39
148	Skin Lesion Segmentation and Multiclass Classification Using Deep Learning Features and Improved Moth Flame Optimization. <i>Diagnostics</i> , 2021 , 11,	3.8	49
147	Detection and Classification of Gastrointestinal Diseases using Machine Learning. <i>Current Medical Imaging</i> , 2021 , 17, 479-490	1.2	2
146	A probabilistic segmentation and entropy-rank correlation-based feature selection approach for the recognition of fruit diseases. <i>Eurasip Journal on Image and Video Processing</i> , 2021 , 2021,	2.5	6

145	An intelligence design for detection and classification of COVID19 using fusion of classical and convolutional neural network and improved microscopic features selection approach. <i>Microscopy Research and Technique</i> , 2021 , 84, 2254-2267	2.8	5
144	Deep neural network features fusion and selection based on PLS regression with an application for crops diseases classification. <i>Applied Soft Computing Journal</i> , 2021 , 103, 107164	7.5	24
143	An integrated framework for COVID-19 classification based on classical and quantum transfer learning from a chest radiograph. <i>Concurrency Computation Practice and Experience</i> , 2021 , e6434	1.4	5
142	J-LDFR: joint low-level and deep neural network feature representations for pedestrian gender classification. <i>Neural Computing and Applications</i> , 2021 , 33, 361-391	4.8	7
141	A framework of human action recognition using length control features fusion and weighted entropy-variances based feature selection. <i>Image and Vision Computing</i> , 2021 , 106, 104090	3.7	44
140	3D Semantic Deep Learning Networks for Leukemia Detection. <i>Computers, Materials and Continua</i> , 2021 , 69, 785-799	3.9	2
139	Multi-Layered Deep Learning Features Fusion for Human Action Recognition. <i>Computers, Materials and Continua</i> , 2021 , 69, 4061-4075	3.9	10
138	Mango Leaf Disease Identification Using Fully Resolution Convolutional Network. <i>Computers, Materials and Continua</i> , 2021 , 69, 3581-3601	3.9	4
137	Suspicious Activity Recognition Using Proposed Deep L4-Branched-Actionnet With Entropy Coded Ant Colony System Optimization. <i>IEEE Access</i> , 2021 , 9, 89181-89197	3.5	5
136	Categorizing the Students Activities for Automated Exam Proctoring Using Proposed Deep L2-GraftNet CNN Network and ASO Based Feature Selection Approach. <i>IEEE Access</i> , 2021 , 9, 47639-47656	3.5	8
135	Convolutional Bi-LSTM Based Human Gait Recognition Using Video Sequences. <i>Computers, Materials and Continua</i> , 2021 , 68, 2693-2709	3.9	1
134	Diagnosis of COVID-19 Infection Using Three-Dimensional Semantic Segmentation and Classification of Computed Tomography Images. <i>Computers, Materials and Continua</i> , 2021 , 68, 2451-2467	3.9	3
133	A hierarchical three-step superpixels and deep learning framework for skin lesion classification. <i>Methods</i> , 2021 ,	4.6	10
132	From ECG signals to images: a transformation based approach for deep learning. <i>PeerJ Computer Science</i> , 2021 , 7, e386	2.7	22
131	An Optimized Approach for Breast Cancer Classification for Histopathological Images Based on Hybrid Feature Set. <i>Current Medical Imaging</i> , 2021 , 17, 136-147	1.2	3
130	Pixels to Classes: Intelligent Learning Framework for Multiclass Skin Lesion Localization and Classification. <i>Computers and Electrical Engineering</i> , 2021 , 90, 106956	4.3	31
129	Microscopic segmentation and classification of COVID-19 infection with ensemble convolutional neural network. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	8
128	Quantum Machine Learning Architecture for COVID-19 Classification Based on Synthetic Data Generation Using Conditional Adversarial Neural Network. <i>Cognitive Computation</i> , 2021 , 1-12	4.4	14

127	A joint framework of feature reduction and robust feature selection for cucumber leaf diseases recognition. <i>Optik</i> , 2021 , 240, 166566	2.5	16
126	Discrete light sheet microscopic segmentation of left ventricle using morphological tuning and active contours. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	1
125	A Non-Blind Deconvolution Semi Pipelined Approach to Understand Text in Blurry Natural Images for Edge Intelligence. <i>Information Processing and Management</i> , 2021 , 58, 102675	6.3	3
124	Multi-Class Skin Lesion Detection and Classification via Teledermatology. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 4267-4275	7.2	32
123	An Optimized Feature Selection Technique in Diversified Natural Scene Text for Classification Using Genetic Algorithm. <i>IEEE Access</i> , 2021 , 9, 54923-54937	3.5	0
122	Mango Leaf Disease Recognition and Classification Using Novel Segmentation and Vein Pattern Technique. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11901	2.6	3
121	A Decision Support System for Face Sketch Synthesis Using Deep Learning and Artificial Intelligence.. <i>Sensors</i> , 2021 , 21,	3.8	2
120	Improved strategy for human action recognition; experiencing a cascaded design. <i>IET Image Processing</i> , 2020 , 14, 818-829	1.7	16
119	An automated system for cucumber leaf diseased spot detection and classification using improved saliency method and deep features selection. <i>Multimedia Tools and Applications</i> , 2020 , 79, 18627-18656	2.5	24
118	Advanced Machine Learning Algorithm Based System for Crops Leaf Diseases Recognition 2020 ,		9
117	Offline signature verification system: a novel technique of fusion of GLCM and geometric features using SVM. <i>Multimedia Tools and Applications</i> , 2020 , 1	2.5	12
116	A deep neural network and classical features based scheme for objects recognition: an application for machine inspection. <i>Multimedia Tools and Applications</i> , 2020 , 1	2.5	25
115	Fruits diseases classification: exploiting a hierarchical framework for deep features fusion and selection. <i>Multimedia Tools and Applications</i> , 2020 , 79, 25763-25783	2.5	26
114	Prosperous Human Gait Recognition: an end-to-end system based on pre-trained CNN features selection. <i>Multimedia Tools and Applications</i> , 2020 , 1	2.5	26
113	An Integrated Design for Classification and Localization of Diabetic Foot Ulcer Based on CNN and YOLOv2-DFU Models. <i>IEEE Access</i> , 2020 , 8, 228586-228597	3.5	12
112	Melanoma Detection and Classification using Computerized Analysis of Dermoscopic Systems: A Review. <i>Current Medical Imaging</i> , 2020 , 16, 794-822	1.2	12
111	Person re-identification with features-based clustering and deep features. <i>Neural Computing and Applications</i> , 2020 , 32, 10519-10540	4.8	5
110	Color-based template selection for detection of gastric abnormalities in video endoscopy. <i>Biomedical Signal Processing and Control</i> , 2020 , 56, 101668	4.9	4

109	An integrated framework of skin lesion detection and recognition through saliency method and optimal deep neural network features selection. <i>Neural Computing and Applications</i> , 2020 , 32, 15929-15948	4.8	18
108	Brain tumor detection based on extreme learning. <i>Neural Computing and Applications</i> , 2020 , 32, 15975-15987	4.87	19
107	An integrated design of particle swarm optimization (PSO) with fusion of features for detection of brain tumor. <i>Pattern Recognition Letters</i> , 2020 , 129, 150-157	4.7	48
106	Hand-crafted and deep convolutional neural network features fusion and selection strategy: An application to intelligent human action recognition. <i>Applied Soft Computing Journal</i> , 2020 , 87, 105986	7.5	57
105	Brain tumor detection: a long short-term memory (LSTM)-based learning model. <i>Neural Computing and Applications</i> , 2020 , 32, 15965-15973	4.8	31
104	Brain tumor classification based on DWT fusion of MRI sequences using convolutional neural network. <i>Pattern Recognition Letters</i> , 2020 , 129, 115-122	4.7	45
103	Localization of radiance transformation for image dehazing in wavelet domain. <i>Neurocomputing</i> , 2020 , 381, 141-151	5.4	15
102	Developed Newton-Raphson based deep features selection framework for skin lesion recognition. <i>Pattern Recognition Letters</i> , 2020 , 129, 293-303	4.7	53
101	A Machine Learning Method with Threshold Based Parallel Feature Fusion and Feature Selection for Automated Gait Recognition. <i>Journal of Organizational and End User Computing</i> , 2020 , 32, 67-92	6.2	32
100	Deep Semantic Segmentation and Multi-Class Skin Lesion Classification Based on Convolutional Neural Network. <i>IEEE Access</i> , 2020 , 8, 129668-129678	3.5	12
99	Optical character recognition (OCR) using partial least square (PLS) based feature reduction: an application to artificial intelligence for biometric identification. <i>Journal of Enterprise Information Management</i> , 2020 , ahead-of-print,	4.4	9
98	Recognition of Different Types of Leukocytes Using YOLOv2 and Optimized Bag-of-Features. <i>IEEE Access</i> , 2020 , 8, 167448-167459	3.5	15
97	Skin Lesion Classification: An Optimized Framework of Optimal Color Features Selection 2020 ,		3
96	A framework for offline signature verification system: Best features selection approach. <i>Pattern Recognition Letters</i> , 2020 , 139, 50-59	4.7	75
95	Facial expressions classification and false label reduction using LDA and threefold SVM. <i>Pattern Recognition Letters</i> , 2020 , 139, 166-173	4.7	41
94	A distinctive approach in brain tumor detection and classification using MRI. <i>Pattern Recognition Letters</i> , 2020 , 139, 118-127	4.7	102
93	Lung nodule detection and classification based on geometric fit in parametric form and deep learning. <i>Neural Computing and Applications</i> , 2020 , 32, 4629-4647	4.8	17
92	Efficient hybrid approach to segment and classify exudates for DR prediction. <i>Multimedia Tools and Applications</i> , 2020 , 79, 11107-11123	2.5	8

91	Human action recognition: a framework of statistical weighted segmentation and rank correlation-based selection. <i>Pattern Analysis and Applications</i> , 2020 , 23, 281-294	2.3	25
90	Use of machine intelligence to conduct analysis of human brain data for detection of abnormalities in its cognitive functions. <i>Multimedia Tools and Applications</i> , 2020 , 79, 10955-10973	2.5	13
89	A novel approach for scene text extraction from synthesized hazy natural images. <i>Pattern Analysis and Applications</i> , 2020 , 23, 1305-1322	2.3	2
88	A unified patch based method for brain tumor detection using features fusion. <i>Cognitive Systems Research</i> , 2020 , 59, 273-286	4.8	22
87	Convolutional neural network with batch normalization for glioma and stroke lesion detection using MRI. <i>Cognitive Systems Research</i> , 2020 , 59, 304-311	4.8	18
86	Brain tumor detection using fusion of hand crafted and deep learning features. <i>Cognitive Systems Research</i> , 2020 , 59, 221-230	4.8	112
85	A survey of feature extraction and fusion of deep learning for detection of abnormalities in video endoscopy of gastrointestinal-tract. <i>Artificial Intelligence Review</i> , 2020 , 53, 2635-2707	9.7	15
84	Gastric Tract Infections Detection and Classification from Wireless Capsule Endoscopy using Computer Vision Techniques: A Review. <i>Current Medical Imaging</i> , 2020 , 16, 1229-1242	1.2	14
83	A citrus fruits and leaves dataset for detection and classification of citrus diseases through machine learning. <i>Data in Brief</i> , 2019 , 26, 104340	1.2	55
82	ROBUST DISCRIMINATION OF LEUKOCYTES PROTUBERANT TYPES FOR EARLY DIAGNOSIS OF LEUKEMIA. <i>Journal of Mechanics in Medicine and Biology</i> , 2019 , 19, 1950055	0.7	16
81	A novel algorithm for the detection of cerebral aneurysm using sub-band morphological operation. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	8
80	Deep CNN and geometric features-based gastrointestinal tract diseases detection and classification from wireless capsule endoscopy images. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2019 , 1-23	2	44
79	A 3D nodule candidate detection method supported by hybrid features to reduce false positives in lung nodule detection. <i>Multimedia Tools and Applications</i> , 2019 , 78, 26287-26311	2.5	12
78	Intelligent microscopic approach for identification and recognition of citrus deformities. <i>Microscopy Research and Technique</i> , 2019 , 82, 1542-1556	2.8	22
77	Classification of gastrointestinal diseases of stomach from WCE using improved saliency-based method and discriminant features selection. <i>Multimedia Tools and Applications</i> , 2019 , 78, 27743-27770	2.5	31
76	Multi-Model Deep Neural Network based Features Extraction and Optimal Selection Approach for Skin Lesion Classification 2019 ,		45
75	Multi-level features fusion and selection for human gait recognition: an optimized framework of Bayesian model and binomial distribution. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 3601-3618	3.8	39
74	Microscopic skin laceration segmentation and classification: A framework of statistical normal distribution and optimal feature selection. <i>Microscopy Research and Technique</i> , 2019 , 82, 1471-1488	2.8	43

73	Brain tumor detection using statistical and machine learning method. <i>Computer Methods and Programs in Biomedicine</i> , 2019 , 177, 69-79	6.9	74
72	Brain Tumor Classification: Feature Fusion 2019 ,		27
71	Adaptive hysteresis thresholding segmentation technique for localizing the breast masses in the curve stitching domain. <i>International Journal of Medical Informatics</i> , 2019 , 126, 26-34	5.3	14
70	An Optimized Method for Segmentation and Classification of Apple Diseases Based on Strong Correlation and Genetic Algorithm Based Feature Selection. <i>IEEE Access</i> , 2019 , 7, 46261-46277	3.5	66
69	Facial expression detection using Six Facial Expressions Hexagon (SFEH) model 2019 ,		3
68	Improved Video Stabilization using SIFT-Log Polar Technique for Unmanned Aerial Vehicles 2019 ,		4
67	Diagnosis and recognition of grape leaf diseases: An automated system based on a novel saliency approach and canonical correlation analysis based multiple features fusion. <i>Sustainable Computing: Informatics and Systems</i> , 2019 , 24, 100349	3	26
66	A New Approach for Brain Tumor Segmentation and Classification Based on Score Level Fusion Using Transfer Learning. <i>Journal of Medical Systems</i> , 2019 , 43, 326	5.1	52
65	Lung Nodule Detection based on Ensemble of Hand Crafted and Deep Features. <i>Journal of Medical Systems</i> , 2019 , 43, 332	5.1	22
64	Stomach Deformities Recognition Using Rank-Based Deep Features Selection. <i>Journal of Medical Systems</i> , 2019 , 43, 329	5.1	30
63	An Overview of Biometrics Methods 2019 , 15-35		7
62	Brain Tumor Detection by Using Stacked Autoencoders in Deep Learning. <i>Journal of Medical Systems</i> , 2019 , 44, 32	5.1	34
61	Construction of saliency map and hybrid set of features for efficient segmentation and classification of skin lesion. <i>Microscopy Research and Technique</i> , 2019 , 82, 741-763	2.8	51
60	Brain tumor detection and classification: A framework of marker-based watershed algorithm and multilevel priority features selection. <i>Microscopy Research and Technique</i> , 2019 , 82, 909-922	2.8	78
59	Automated techniques for blood vessels segmentation through fundus retinal images: A review. <i>Microscopy Research and Technique</i> , 2019 , 82, 153-170	2.8	29
58	Object detection and classification: a joint selection and fusion strategy of deep convolutional neural network and SIFT point features. <i>Multimedia Tools and Applications</i> , 2019 , 78, 15751-15777	2.5	51
57	Automatic measurement of the traffic sign with digital segmentation and recognition. <i>IET Intelligent Transport Systems</i> , 2019 , 13, 269-279	2.4	25
56	An implementation of optimized framework for action classification using multilayers neural network on selected fused features. <i>Pattern Analysis and Applications</i> , 2019 , 22, 1377-1397	2.3	45

55	An improved strategy for skin lesion detection and classification using uniform segmentation and feature selection based approach. <i>Microscopy Research and Technique</i> , 2018 , 81, 528-543	2.8	88
54	Multistage segmentation model and SVM-ensemble for precise lung nodule detection. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018 , 13, 1083-1095	3.9	29
53	Automatic segmentation of the left ventricle in a cardiac MR short axis image using blind morphological operation. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	23
52	License number plate recognition system using entropy-based features selection approach with SVM. <i>IET Image Processing</i> , 2018 , 12, 200-209	1.7	79
51	Detection and classification of citrus diseases in agriculture based on optimized weighted segmentation and feature selection. <i>Computers and Electronics in Agriculture</i> , 2018 , 150, 220-234	6.5	162
50	Internet of Things (IoT) Operating Systems Support, Networking Technologies, Applications, and Challenges: A Comparative Review. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 2062-2100	37.1	112
49	An implementation of normal distribution based segmentation and entropy controlled features selection for skin lesion detection and classification. <i>BMC Cancer</i> , 2018 , 18, 638	4.8	59
48	An automated detection and classification of citrus plant diseases using image processing techniques: A review. <i>Computers and Electronics in Agriculture</i> , 2018 , 153, 12-32	6.5	141
47	Neurochemical Alterations in Sudden Unexplained Perinatal Deaths-A Review. <i>Frontiers in Pediatrics</i> , 2018 , 6, 6	3.4	22
46	Big data analysis for brain tumor detection: Deep convolutional neural networks. <i>Future Generation Computer Systems</i> , 2018 , 87, 290-297	7.5	130
45	A novel machine learning approach for scene text extraction. <i>Future Generation Computer Systems</i> , 2018 , 87, 328-340	7.5	39
44	Removal of pectoral muscle based on topographic map and shape-shifting silhouette. <i>BMC Cancer</i> , 2018 , 18, 778	4.8	57
43	AUTOMATED ULCER AND BLEEDING CLASSIFICATION FROM WCE IMAGES USING MULTIPLE FEATURES FUSION AND SELECTION. <i>Journal of Mechanics in Medicine and Biology</i> , 2018 , 18, 1850038	0.7	72
42	A Survey on Left Ventricle Segmentation Techniques in Cardiac Short Axis MRI. <i>Current Medical Imaging</i> , 2018 , 14, 223-237	1.2	3
41	Image Enhancement and Segmentation Techniques for Detection of Knee Joint Diseases: A Survey. <i>Current Medical Imaging</i> , 2018 , 14, 704-715	1.2	40
40	A novel classification scheme to decline the mortality rate among women due to breast tumor. <i>Microscopy Research and Technique</i> , 2018 , 81, 171-180	2.8	55
39	Arteriovenous ratio and papilledema based hybrid decision support system for detection and grading of hypertensive retinopathy. <i>Computer Methods and Programs in Biomedicine</i> , 2018 , 154, 123-141	6.9	40
38	Human action recognition: a construction of codebook by discriminative features selection approach. <i>International Journal of Applied Pattern Recognition</i> , 2018 , 5, 206	0.2	13

37	Deviation analysis for texture segmentation of breast lesions in mammographic images. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	11
36	Diabetic retinopathy detection and classification using hybrid feature set. <i>Microscopy Research and Technique</i> , 2018 , 81, 990-996	2.8	19
35	Skin lesion segmentation and recognition using multichannel saliency estimation and M-SVM on selected serially fused features. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 1	3.7	40
34	Fundus image classification methods for the detection of glaucoma: A review. <i>Microscopy Research and Technique</i> , 2018 , 81, 1105-1121	2.8	38
33	Brain tumor segmentation and classification by improved binomial thresholding and multi-features selection. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 1	3.7	48
32	Detection of Brain Tumor based on Features Fusion and Machine Learning. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 1	3.7	46
31	CCDF: Automatic system for segmentation and recognition of fruit crops diseases based on correlation coefficient and deep CNN features. <i>Computers and Electronics in Agriculture</i> , 2018 , 155, 220-236	6.5	93
30	Reviews of the Implications of VR/AR Health Care Applications in Terms of Organizational and Societal Change 2018 , 1-19		2
29	Appearance based pedestrians gender recognition by employing stacked auto encoders in deep learning. <i>Future Generation Computer Systems</i> , 2018 , 88, 28-39	7.5	69
28	Decision support system for detection of hypertensive retinopathy using arteriovenous ratio. <i>Artificial Intelligence in Medicine</i> , 2018 , 90, 15-24	7.4	36
27	A method for the detection and classification of diabetic retinopathy using structural predictors of bright lesions. <i>Journal of Computational Science</i> , 2017 , 19, 153-164	3.4	83
26	Decision Support System for Detection of Papilledema through Fundus Retinal Images. <i>Journal of Medical Systems</i> , 2017 , 41, 66	5.1	36
25	Bi-model processing for early detection of breast tumor in CAD system. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	28
24	A NOVEL BIOMECHANICS-BASED APPROACH FOR PERSON RE-IDENTIFICATION BY GENERATING DENSE COLOR SIFT SALIENCE FEATURES. <i>Journal of Mechanics in Medicine and Biology</i> , 2017 , 17, 1740019-7	19.7	23
23	A framework of human detection and action recognition based on uniform segmentation and combination of Euclidean distance and joint entropy-based features selection. <i>Eurasip Journal on Image and Video Processing</i> , 2017 , 2017,	2.5	77
22	Computer-based classification of chromoendoscopy images using homogeneous texture descriptors. <i>Computers in Biology and Medicine</i> , 2017 , 88, 84-92	7	20
21	Recent Developments in Computer Aided Diagnosis for Lung Nodule Detection from CT images: A Review. <i>Current Medical Imaging</i> , 2017 , 13, 3-19	1.2	10
20	Lung Nodule Detection Using Polygon Approximation and Hybrid Features from CT Images. <i>Current Medical Imaging</i> , 2017 , 14, 108-117	1.2	50

19	Fundus Image Segmentation and Feature Extraction for the Detection of Glaucoma: A New Approach. <i>Current Medical Imaging</i> , 2017 , 14, 77-87	1.2	42
18	Automatic Cotton Wool Spots Extraction in Retinal Images Using Texture Segmentation and Gabor Wavelet. <i>Journal of Integrated Design and Process Science</i> , 2016 , 20, 65-76	0.4	14
17	A New Approach of Cup to Disk Ratio Based Glaucoma Detection Using Fundus Images. <i>Journal of Integrated Design and Process Science</i> , 2016 , 20, 77-94	0.4	19
16	TinyOS-New Trends, Comparative Views, and Supported Sensing Applications: A Review. <i>IEEE Sensors Journal</i> , 2016 , 16, 2865-2889	4	78
15	Segmentation and Classification of Lung Cancer: A Review. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2016 , 16, 82-99		3
14	A Review on Recent Developments for Detection of Diabetic Retinopathy. <i>Scientifica</i> , 2016 , 2016, 683897.6		38
13	Multi Agent Based Model for Earthquake Intensity Prediction. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 5765-5777	0.3	1
12	Pathological Brain Image Segmentation and Classification: A Survey. <i>Current Medical Imaging</i> , 2014 , 10, 163-177	1.2	7
11	Brain Image Compression: A Brief Survey. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013 , 5, 49-59	0.2	9
10	An algorithm to find convex hull based on binary tree 2009 ,		1
9	Improving audio data quality and compression 2008 ,		1
8	Categorizing white blood cells by utilizing deep features of proposed 4B-AdditionNet-based CNN network with ant colony optimization. <i>Complex & Intelligent Systems</i> ,1	7.1	5
7	Brain tumor detection and classification using machine learning: a comprehensive survey. <i>Complex & Intelligent Systems</i> ,1	7.1	14
6	Intelligent fusion-assisted skin lesion localization and classification for smart healthcare. <i>Neural Computing and Applications</i> ,1	4.8	13
5	A two-stream deep neural network-based intelligent system for complex skin cancer types classification. <i>International Journal of Intelligent Systems</i> ,	8.4	12
4	3D-semantic segmentation and classification of stomach infections using uncertainty aware deep neural networks. <i>Complex & Intelligent Systems</i> ,1	7.1	4
3	Pedestrian identification using motion-controlled deep neural network in real-time visual surveillance. <i>Soft Computing</i> ,1	3.5	1
2	Recognizing Gastrointestinal Malignancies on WCE and CCE Images by an Ensemble of Deep and Handcrafted Features with Entropy and PCA Based Features Optimization. <i>Neural Processing Letters</i> ,1	2.4	2

- 1 A deep network designed for segmentation and classification of leukemia using fusion of the transfer learning models. *Complex & Intelligent Systems*,1 7.1 8