

Tanzila Saba

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.

216
papers

5,299
citations

42
h-index

57
g-index

230
ext. papers

7,140
ext. citations

3
avg, IF

6.78
L-index

#	Paper	IF	Citations
216	Breast microscopic cancer segmentation and classification using unique 4-qubit-quantum model.. <i>Microscopy Research and Technique</i> , 2022 ,	2.8	3
215	Machine learning for post-traumatic stress disorder identification utilizing resting-state functional magnetic resonance imaging.. <i>Microscopy Research and Technique</i> , 2022 ,	2.8	1
214	Microscopic retinal blood vessels detection and segmentation using support vector machine and K-nearest neighbors.. <i>Microscopy Research and Technique</i> , 2022 ,	2.8	4
213	A Revisit of Internet of Things Technologies for Monitoring and Control Strategies in Smart Agriculture. <i>Agronomy</i> , 2022 , 12, 127	3.6	19
212	Scene Graph Generation With Structured Aspect of Segmenting the Big Distributed Clusters. <i>IEEE Access</i> , 2022 , 10, 24264-24272	3.5	
211	Intelligent Traffic Signal Automation Based on Computer Vision Techniques Using Deep Learning. <i>IT Professional</i> , 2022 , 24, 27-33	1.9	3
210	Device-to-Device (D2D) Multi-Criteria Learning Algorithm Using Secured Sensors.. <i>Sensors</i> , 2022 , 22,	3.8	2
209	Towards Resilient and Secure Cooperative Behavior of Intelligent Transportation System Using Sensor Technologies. <i>IEEE Sensors Journal</i> , 2022 , 22, 7352-7360	4	3
208	Internet of things (IoT) assisted soil salinity mapping at irrigation schema level. <i>Applied Water Science</i> , 2022 , 12, 1	5	2
207	Optimized Embedded Healthcare Industry Model with Lightweight Computing Using Wireless Body Area Network. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-10	1.9	0
206	Arabic Speech Analysis for Classification and Prediction of Mental Illness due to Depression Using Deep Learning. <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 1-9	3	1
205	Cloud-Based Framework for COVID-19 Detection through Feature Fusion with Bootstrap Aggregated Extreme Learning Machine. <i>Discrete Dynamics in Nature and Society</i> , 2022 , 2022, 1-7	1.1	0
204	ML and DL Architectures Comparisons for the Classification of COVID-19 Using Chest X-Ray Images. <i>Studies in Big Data</i> , 2022 , 433-457	0.9	
203	Energy-Efficient IoT e-Health Using Artificial Intelligence Model with Homomorphic Secret Sharing. <i>Energies</i> , 2021 , 14, 6414	3.1	2
202	An Optimization Model with Network Edges for Multimedia Sensors Using Artificial Intelligence of Things. <i>Sensors</i> , 2021 , 21,	3.8	2
201	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
200	Intrusion Detection System Through Advance Machine Learning for the Internet of Things Networks. <i>IT Professional</i> , 2021 , 23, 58-64	1.9	12

199	An Efficient Pattern Recognition Based Method for Drug-Drug Interaction Diagnosis 2021 ,		4
198	Facial Expression Recognition Using Patch-Based LBPS in an Unconstrained Environment 2021 ,		1
197	Secured Big Data Analytics for Decision-Oriented Medical System Using Internet of Things. <i>Electronics (Switzerland)</i> , 2021 , 10, 1273	2.6	10
196	Deep Learning-Based COVID-19 Detection Using CT and X-Ray Images: Current Analytics and Comparisons.. <i>IT Professional</i> , 2021 , 23, 63-68	1.9	14
195	Viral reverse engineering using Artificial Intelligence and big data COVID-19 infection with Long Short-term Memory (LSTM). <i>Environmental Technology and Innovation</i> , 2021 , 22, 101531	7	11
194	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
193	Automatic detection of papilledema through fundus retinal images using deep learning. <i>Microscopy Research and Technique</i> , 2021 , 84, 3066-3077	2.8	13
192	Microscopic brain tumor detection and classification using 3D CNN and feature selection architecture. <i>Microscopy Research and Technique</i> , 2021 , 84, 133-149	2.8	65
191	Steganography-assisted secure localization of smart devices in internet of multimedia things (IoMT). <i>Multimedia Tools and Applications</i> , 2021 , 80, 17045-17065	2.5	4
190	A Realistic Image Generation of Face From Text Description Using the Fully Trained Generative Adversarial Networks. <i>IEEE Access</i> , 2021 , 9, 1250-1260	3.5	9
189	Automatic Image Annotation Based on Deep Learning Models: A Systematic Review and Future Challenges. <i>IEEE Access</i> , 2021 , 1-1	3.5	7
188	Identifying Patients With PTSD Utilizing Resting-State fMRI Data and Neural Network Approach. <i>IEEE Access</i> , 2021 , 9, 107941-107954	3.5	4
187	Brain tumor detection and multi-classification using advanced deep learning techniques. <i>Microscopy Research and Technique</i> , 2021 , 84, 1296-1308	2.8	28
186	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
185	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
184	Computer vision for microscopic skin cancer diagnosis using handcrafted and non-handcrafted features. <i>Microscopy Research and Technique</i> , 2021 , 84, 1272-1283	2.8	14
183	Machine learning techniques to detect and forecast the daily total COVID-19 infected and deaths cases under different lockdown types. <i>Microscopy Research and Technique</i> , 2021 , 84, 1462-1474	2.8	21
182	Skin cancer detection from dermoscopic images using deep learning and fuzzy k-means clustering. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	19

181	Mobility Support 5G Architecture with Real-Time Routing for Sustainable Smart Cities. <i>Sustainability</i> , 2021 , 13, 9092	3.6	6
180	Microscopic segmentation and classification of COVID-19 infection with ensemble convolutional neural network. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	8
179	Short-Term Forecasting for the Electricity Spot Prices With Extreme Values Treatment. <i>IEEE Access</i> , 2021 , 9, 105451-105462	3.5	8
178	Hot-Spot Zone Detection to Tackle Covid19 Spread by Fusing the Traditional Machine Learning and Deep Learning Approaches of Computer Vision. <i>IEEE Access</i> , 2021 , 9, 100040-100049	3.5	5
177	Identity verification using palm print microscopic images based on median robust extended local binary pattern features and k-nearest neighbor classifier.. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	3
176	Optimizing the transfer-learning with pretrained deep convolutional neural networks for first stage breast tumor diagnosis using breast ultrasound visual images.. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	2
175	Entropy-controlled deep features selection framework for grape leaf diseases recognition. <i>Expert Systems</i> , 2020 ,	2.1	22
174	A Sustainable Deep Learning Framework for Object Recognition Using Multi-Layers Deep Features Fusion and Selection. <i>Sustainability</i> , 2020 , 12, 5037	3.6	71
173	Human action recognition using fusion of multiview and deep features: an application to video surveillance. <i>Multimedia Tools and Applications</i> , 2020 , 1	2.5	42
172	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
171	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
170	Volumetric Segmentation of Brain Regions From MRI Scans Using 3D Convolutional Neural Networks. <i>IEEE Access</i> , 2020 , 8, 103697-103709	3.5	26
169	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
168	Handling Irregularly Sampled Longitudinal Data and Prognostic Modeling of Diabetes Using Machine Learning Technique. <i>IEEE Access</i> , 2020 , 8, 21875-21885	3.5	18
167	Detecting Pneumonia using Convolutions and Dynamic Capsule Routing for Chest X-ray Images. <i>Sensors</i> , 2020 , 20,	3.8	53
166	Reduced Reference Image Quality Assessment Technique Based on DWT and Path Integral Local Binary Patterns. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 3387-3401	2.5	3
165	A robust technique for copy-move forgery detection from small and extremely smooth tampered regions based on the DHE-SURF features and mDBSCAN clustering. <i>Australian Journal of Forensic Sciences</i> , 2020 , 1-24	1.1	5
164	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

163	Melanoma Detection and Classification using Computerized Analysis of Dermoscopic Systems: A Review. <i>Current Medical Imaging</i> , 2020 , 16, 794-822	1.2	12
162	Intrusion Detection in Smart City Hospitals using Ensemble Classifiers 2020 ,		6
161	Single and Multiple Copy-Move Forgery Detection and Localization in Digital Images Based on the Sparsely Encoded Distinctive Features and DBSCAN Clustering. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 2975-2992	2.5	10
160	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
159	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
158	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
157	Microscopic melanoma detection and classification: A framework of pixel-based fusion and multilevel features reduction. <i>Microscopy Research and Technique</i> , 2020 , 83, 410-423	2.8	50
156	A comparative study of features selection for skin lesion detection from dermoscopic images. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2020 , 9, 1	1.6	27
155	Reliability Analysis for Electronic Devices Using Generalized Exponential Distribution. <i>IEEE Access</i> , 2020 , 8, 108629-108644	3.5	2
154	Cursive multilingual characters recognition based on hard geometric features. <i>International Journal of Computational Vision and Robotics</i> , 2020 , 10, 213	0.7	6
153	Skew decision process based on machine learning content analysis and clustering. <i>International Journal of Computer Applications in Technology</i> , 2020 , 63, 191	0.7	
152	Recent advancement in cancer detection using machine learning: Systematic survey of decades, comparisons and challenges. <i>Journal of Infection and Public Health</i> , 2020 , 13, 1274-1289	7.4	55
151	EGCIR: Energy-Aware Graph Clustering and Intelligent Routing Using Supervised System in Wireless Sensor Networks. <i>Energies</i> , 2020 , 13, 4072	3.1	8
150	A passive technique for detecting copy-move forgeries by image feature matching. <i>Multimedia Tools and Applications</i> , 2020 , 79, 31759-31782	2.5	3
149	Secure and Energy-Aware Heuristic Routing Protocol for Wireless Sensor Network. <i>IEEE Access</i> , 2020 , 8, 163962-163974	3.5	11
148	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
147	A comprehensive study of mobile-health based assistive technology for the healthcare of dementia and Alzheimer's disease (AD). <i>Health Care Management Science</i> , 2020 , 23, 287-309	4	34
146	Enhancing fragility of zero-based text watermarking utilizing effective characters list. <i>Multimedia Tools and Applications</i> , 2020 , 79, 341-354	2.5	5

145	Boosting the Performance of the BoVW Model Using SURF-to-HOG-Based Sparse Features with Relevance Feedback for CBIR. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2020 , 44, 99-118	1.9	15
144	Query-by-visual-search: multimodal framework for content-based image retrieval. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 5629-5648	3.7	9
143	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
142	Enhanced Time-of-Use Electricity Price Rate Using Game Theory. <i>Electronics (Switzerland)</i> , 2019 , 8, 48	2.6	27
141	Cloud-based decision support system for the detection and classification of malignant cells in breast cancer using breast cytology images. <i>Microscopy Research and Technique</i> , 2019 , 82, 775-785	2.8	31
140	An ensemble classification of exudates in color fundus images using an evolutionary algorithm based optimal features selection. <i>Microscopy Research and Technique</i> , 2019 , 82, 361-372	2.8	34
139	Multi-Model Deep Neural Network based Features Extraction and Optimal Selection Approach for Skin Lesion Classification 2019 ,		45
138	Brain Tumor Detection from MRI images using Multi-level Wavelets 2019 ,		24
137	Crowd detection and counting using a static and dynamic platform: state of the art. <i>International Journal of Computational Vision and Robotics</i> , 2019 , 9, 228	0.7	2
136	Brain tumor detection using statistical and machine learning method. <i>Computer Methods and Programs in Biomedicine</i> , 2019 , 177, 69-79	6.9	74
135	Brain Tumor Classification: Feature Fusion 2019 ,		27
134	Early CU Depth Decision and Reference Picture Selection for Low Complexity MV-HEVC. <i>Symmetry</i> , 2019 , 11, 454	2.7	6
133	Deep learning model integrating features and novel classifiers fusion for brain tumor segmentation. <i>Microscopy Research and Technique</i> , 2019 , 82, 1302-1315	2.8	53
132	Machine Learning Algorithms and Fault Detection for Improved Belief Function Based Decision Fusion in Wireless Sensor Networks. <i>Sensors</i> , 2019 , 19,	3.8	12
131	Content-based image retrieval: a deep look at features prospectus. <i>International Journal of Computational Vision and Robotics</i> , 2019 , 9, 14	0.7	19
130	Fault Detection in Wireless Sensor Networks through the Random Forest Classifier. <i>Sensors</i> , 2019 , 19,	3.8	44
129	Lungs nodule detection framework from computed tomography images using support vector machine. <i>Microscopy Research and Technique</i> , 2019 , 82, 1256-1266	2.8	56
128	Mobile-Health Applications for the Efficient Delivery of Health Care Facility to People with Dementia (PwD) and Support to Their Carers: A Survey. <i>BioMed Research International</i> , 2019 , 2019, 7151-7175	2.4	44

127	Plasmodium species aware based quantification of malaria parasitemia in light microscopy thin blood smear. <i>Microscopy Research and Technique</i> , 2019 , 82, 1198-1214	2.8	8
126	Intelligent Resource Allocation in Residential Buildings Using Consumer to Fog to Cloud Based Framework. <i>Energies</i> , 2019 , 12, 815	3.1	8
125	Scene analysis and search using local features and support vector machine for effective content-based image retrieval. <i>Artificial Intelligence Review</i> , 2019 , 52, 901-925	9.7	45
124	A novel method for content-based image retrieval to improve the effectiveness of the bag-of-words model using a support vector machine. <i>Journal of Information Science</i> , 2019 , 45, 117-135	2	24
123	A New Leaf Venation Detection Technique for Plant Species Classification. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 3315-3327	2.5	13
122	Improved Video Stabilization using SIFT-Log Polar Technique for Unmanned Aerial Vehicles 2019 ,		4
121	Modeling user rating preference behavior to improve the performance of the collaborative filtering based recommender systems. <i>PLoS ONE</i> , 2019 , 14, e0220129	3.7	17
120	Region Extraction and Classification of Skin Cancer: A Heterogeneous framework of Deep CNN Features Fusion and Reduction. <i>Journal of Medical Systems</i> , 2019 , 43, 289	5.1	88
119	Generalized PVO-based dynamic block reversible data hiding for secure transmission using firefly algorithm. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3680	1.9	8
118	Automated lung nodule detection and classification based on multiple classifiers voting. <i>Microscopy Research and Technique</i> , 2019 , 82, 1601-1609	2.8	27
117	WETRP: Weight Based Energy & Temperature Aware Routing Protocol for Wireless Body Sensor Networks. <i>IEEE Access</i> , 2019 , 7, 87987-87995	3.5	13
116	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
115	Lung Nodule Detection based on Ensemble of Hand Crafted and Deep Features. <i>Journal of Medical Systems</i> , 2019 , 43, 332	5.1	22
114	Current Techniques for Diabetes Prediction: Review and Case Study. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4604	2.6	38
113	Air Passenger Demand Forecasting Using Particle Swarm Optimization and Firefly Algorithm. <i>Journal of Computational and Theoretical Nanoscience</i> , 2019 , 16, 3735-3743	0.3	2
112	A Deep Learning Approach for Automated Diagnosis and Multi-Class Classification of Alzheimer's Disease Stages Using Resting-State fMRI and Residual Neural Networks. <i>Journal of Medical Systems</i> , 2019 , 44, 37	5.1	80
111	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
110	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

109	Feature enhancement framework for brain tumor segmentation and classification. <i>Microscopy Research and Technique</i> , 2019 , 82, 803-811	2.8	38
108	An Intelligent Saliency Segmentation Technique and Classification of Low Contrast Skin Lesion Dermoscopic Images Based on Histogram Decision 2019 ,		8
107	Skin lesion segmentation and classification: A unified framework of deep neural network features fusion and selection. <i>Expert Systems</i> , 2019 , e12497	2.1	32
106	Expansion of Cluster Head Stability Using Fuzzy in Cognitive Radio CR-VANET. <i>IEEE Access</i> , 2019 , 7, 173185-173195	2.5	14
105	Exploiting Deep Learning for Wind Power Forecasting Based on Big Data Analytics. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4417	2.6	35
104	ReLiShaft: realistic real-time light shaft generation taking sky illumination into account. <i>Multimedia Tools and Applications</i> , 2019 , 78, 6073-6092	2.5	1
103	Plasmodium life cycle stage classification based quantification of malaria parasitaemia in thin blood smears. <i>Microscopy Research and Technique</i> , 2019 , 82, 283-295	2.8	27
102	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
101	Data hiding technique in steganography for information security using number theory. <i>Journal of Information Science</i> , 2019 , 45, 767-778	2	18
100	XM-tree: data driven computational model by using metric extended nodes with non-overlapping in high-dimensional metric spaces. <i>Computational and Mathematical Organization Theory</i> , 2019 , 25, 196-223	2.1	2
99	An automated nuclei segmentation of leukocytes from microscopic digital images. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019 , 32, 2123-2138	0.4	6
98	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
97	ReVitAge: Realistic virtual heritage taking shadows and sky illumination into account. <i>Journal of Cultural Heritage</i> , 2018 , 32, 166-175	2.9	7
96	Rouleaux red blood cells splitting in microscopic thin blood smear images via local maxima, circles drawing, and mapping with original RBCs. <i>Microscopy Research and Technique</i> , 2018 , 81, 737-744	2.8	29
95	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
94	Brain tumor segmentation in multi-spectral MRI using convolutional neural networks (CNN). <i>Microscopy Research and Technique</i> , 2018 , 81, 419-427	2.8	104
93	Microscopic abnormality classification of cardiac murmurs using ANFIS and HMM. <i>Microscopy Research and Technique</i> , 2018 , 81, 449-457	2.8	45
92	Degradation effect of Auger recombination and built-in polarization field on GaN-based light-emitting diodes. <i>AIP Advances</i> , 2018 , 8, 015005	1.5	14

91	Privacy preserving data by conceptualizing smart cities using MIDR-Angelization. <i>Sustainable Cities and Society</i> , 2018 , 40, 326-334	10.1	7
90	A robust technique for copy-move forgery detection and localization in digital images via stationary wavelet and discrete cosine transform. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 53, 202-214	2.7	68
89	Calculating Completeness of Agile Scope in Scaled Agile Development. <i>IEEE Access</i> , 2018 , 6, 5822-5847	3.5	12
88	An overview of interactive wet cloth simulation in virtual reality and serious games. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2018 , 6, 93-100	0.9	5
87	Detection of copy-move image forgery based on discrete cosine transform. <i>Neural Computing and Applications</i> , 2018 , 30, 183-192	4.8	62
86	Machine aided malaria parasitemia detection in Giemsa-stained thin blood smears. <i>Neural Computing and Applications</i> , 2018 , 29, 803-818	4.8	42
85	Way forward in meeting energy challenges in Pakistan. <i>International Journal of Ambient Energy</i> , 2018 , 39, 904-908	2	8
84	Crowd region detection in outdoor scenes using color spaces. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2018 , 09, 1850012	0.8	4
83	Computer-assisted brain tumor type discrimination using magnetic resonance imaging features. <i>Biomedical Engineering Letters</i> , 2018 , 8, 5-28	3.6	57
82	A Novel Technique Based on Visual Words Fusion Analysis of Sparse Features for Effective Content-Based Image Retrieval. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-13	1.1	37
81	A Novel Technique for Speech Recognition and Visualization Based Mobile Application to Support Two-Way Communication between Deaf-Mute and Normal Peoples. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-12	1.9	10
80	Removal of pectoral muscle based on topographic map and shape-shifting silhouette. <i>BMC Cancer</i> , 2018 , 18, 778	4.8	57
79	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
78	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
77	Scene search based on the adapted triangular regions and soft clustering to improve the effectiveness of the visual-bag-of-words model. <i>Eurasip Journal on Image and Video Processing</i> , 2018 , 2018,	2.5	11
76	Features selection for offline handwritten signature verification: state of the art. <i>International Journal of Computational Vision and Robotics</i> , 2018 , 8, 606	0.7	7
75	Effect of complementary visual words versus complementary features on clustering for effective content-based image search. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 35, 5421-5434	1.6	13
74	Fuzzy ARTMAP Approach for Arabic Writer Identification using Novel Features Fusion. <i>Journal of Computer Science</i> , 2018 , 14, 210-220	0.5	7

73	Fuzzy C-means and region growing based classification of tumor from mammograms using hybrid texture feature. <i>Journal of Computational Science</i> , 2018 , 29, 34-45	3.4	65
72	Fundus image classification methods for the detection of glaucoma: A review. <i>Microscopy Research and Technique</i> , 2018 , 81, 1105-1121	2.8	38
71	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, 220-238	6.5	93
70	Classification of acute lymphoblastic leukemia using deep learning. <i>Microscopy Research and Technique</i> , 2018 , 81, 1310-1317	2.8	105
69	Microscopic malaria parasitemia diagnosis and grading on benchmark datasets. <i>Microscopy Research and Technique</i> , 2018 , 81, 1042-1058	2.8	36
68	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
67	Improved Generalization for Secure Data Publishing. <i>IEEE Access</i> , 2018 , 6, 27156-27165	3.5	23
66	An effective content-based image retrieval technique for image visuals representation based on the bag-of-visual-words model. <i>PLoS ONE</i> , 2018 , 13, e0194526	3.7	38
65	Phase-preserving approach in denoising computed tomography medical images. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2017 , 5, 16-26	0.9	3
64	Fused features mining for depth-based hand gesture recognition to classify blind human communication. <i>Neural Computing and Applications</i> , 2017 , 28, 3285-3294	4.8	33
63	Replacement Attack: A New Zero Text Watermarking Attack. <i>3D Research</i> , 2017 , 8, 1	2.4	13
62	Weather forecasting based on hybrid neural model. <i>Applied Water Science</i> , 2017 , 7, 3869-3874	5	30
61	Energy Efficient Multipath Routing Protocol for Mobile Ad-Hoc Network Using the Fitness Function. <i>IEEE Access</i> , 2017 , 5, 10369-10381	3.5	89
60	On the analysis of big data indexing execution strategies. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 32, 3259-3271	1.6	4
59	Retinal imaging analysis based on vessel detection. <i>Microscopy Research and Technique</i> , 2017 , 80, 799-811	1.8	50
58	Decision Support System for Risk Assessment and Management Strategies in Distributed Software Development. <i>IEEE Access</i> , 2017 , 5, 20349-20373	3.5	16
57	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
56	Identifying Deviations in Software Processes. <i>IEEE Access</i> , 2017 , 5, 20319-20332	3.5	2

55	An Ontology-Based Approach for Detecting Drug Abuse Epidemiology. <i>Journal of Medical Imaging and Health Informatics</i> , 2017 , 7, 1324-1337	1.2	3
54	The practice of secure software development in SDLC: an investigation through existing model and a case study. <i>Security and Communication Networks</i> , 2016 , 9, 5333-5345	1.9	20
53	Digital Dental X-ray Database for Caries Screening. <i>3D Research</i> , 2016 , 7, 1	2.4	28
52	Multifocus watermarking approach based on discrete cosine transform. <i>Microscopy Research and Technique</i> , 2016 , 79, 431-7	2.8	13
51	Writers Identification Based on Multiple Windows Features Mining. <i>3D Research</i> , 2016 , 7, 1	2.4	9
50	A Taxonomy of 3D Occluded Objects Recognition Techniques. <i>3D Research</i> , 2016 , 7, 1	2.4	1
49	Online versus offline Arabic script classification. <i>Neural Computing and Applications</i> , 2016 , 27, 1797-1804	4.8	10
48	Neural Approach to Predict Flow Discharge in River Chenab Pakistan. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 2016 , 20, 730-734	0.4	1
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