

# Zahid Mehmood

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9521361/zahid-mehmood-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

75  
papers

1,476  
citations

23  
h-index

35  
g-index

83  
ext. papers

2,097  
ext. citations

2.6  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
75	Classification of acute lymphoblastic leukemia using deep learning. <i>Microscopy Research and Technique</i> , <b>2018</b> , 81, 1310-1317	2.8	105
74	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> , <b>2019</b> , 44, 37	5.1	80
73	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> , <b>2018</b> , 53, 202-214	2.7	68
72	Microscopic brain tumor detection and classification using 3D CNN and feature selection architecture. <i>Microscopy Research and Technique</i> , <b>2021</b> , 84, 133-149	2.8	65
71	Deep learning model integrating features and novel classifiers fusion for brain tumor segmentation. <i>Microscopy Research and Technique</i> , <b>2019</b> , 82, 1302-1315	2.8	53
70	Microscopic melanoma detection and classification: A framework of pixel-based fusion and multilevel features reduction. <i>Microscopy Research and Technique</i> , <b>2020</b> , 83, 410-423	2.8	50
69	Image retrieval by addition of spatial information based on histograms of triangular regions. <i>Computers and Electrical Engineering</i> , <b>2016</b> , 54, 539-550	4.3	46
68	Content-based image retrieval and semantic automatic image annotation based on the weighted average of triangular histograms using support vector machine. <i>Applied Intelligence</i> , <b>2018</b> , 48, 166-181	4.9	45
67	Scene analysis and search using local features and support vector machine for effective content-based image retrieval. <i>Artificial Intelligence Review</i> , <b>2019</b> , 52, 901-925	9.7	45
66	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> , <b>2019</b> , 2019, 7151-7175	4.75	44
65	Image Enhancement and Segmentation Techniques for Detection of Knee Joint Diseases: A Survey. <i>Current Medical Imaging</i> , <b>2018</b> , 14, 704-715	1.2	40
64	A Novel Image Retrieval Based on a Combination of Local and Global Histograms of Visual Words. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-12	1.1	40
63	Copy-move forgery detection through stationary wavelets and local binary pattern variance for forensic analysis in digital images. <i>Forensic Science International</i> , <b>2017</b> , 279, 8-21	2.6	39
62	Feature enhancement framework for brain tumor segmentation and classification. <i>Microscopy Research and Technique</i> , <b>2019</b> , 82, 803-811	2.8	38
61	An effective content-based image retrieval technique for image visuals representation based on the bag-of-visual-words model. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194526	3.7	38
60	A Novel Technique Based on Visual Words Fusion Analysis of Sparse Features for Effective Content-Based Image Retrieval. <i>Mathematical Problems in Engineering</i> , <b>2018</b> , 2018, 1-13	1.1	37
59	Microscopic malaria parasitemia diagnosis and grading on benchmark datasets. <i>Microscopy Research and Technique</i> , <b>2018</b> , 81, 1042-1058	2.8	36

58	An ensemble classification of exudates in color fundus images using an evolutionary algorithm based optimal features selection. <i>Microscopy Research and Technique</i> , <b>2019</b> , 82, 361-372	2.8	34
57	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> , <b>2020</b> , 23, 287-309	4	34
56	Content-Based Image Retrieval Based on Visual Words Fusion Versus Features Fusion of Local and Global Features. <i>Arabian Journal for Science and Engineering</i> , <b>2018</b> , 43, 7265-7284	2.5	33
55	Plasmodium life cycle stage classification based quantification of malaria parasitaemia in thin blood smears. <i>Microscopy Research and Technique</i> , <b>2019</b> , 82, 283-295	2.8	27
54	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> , <b>2019</b> , 45, 117-135	2	24
53	LSDAR: A light-weight structure based data aggregation routing protocol with secure internet of things integrated next-generation sensor networks. <i>Sustainable Cities and Society</i> , <b>2020</b> , 54, 101995	10.1	24
52	A hybrid technique for speech segregation and classification using a sophisticated deep neural network. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194151	3.7	22
51	An efficient forensic technique for exposing region duplication forgery in digital images. <i>Applied Intelligence</i> , <b>2018</b> , 48, 1791-1801	4.9	21
50	Brain tumor segmentation using K-means clustering and deep learning with synthetic data augmentation for classification. <i>Microscopy Research and Technique</i> , <b>2021</b> , 84, 1389-1399	2.8	20
49	Prediction of Heart Disease Using Deep Convolutional Neural Networks. <i>Arabian Journal for Science and Engineering</i> , <b>2021</b> , 46, 3409-3422	2.5	19
48	Skin cancer detection from dermoscopic images using deep learning and fuzzy k-means clustering. <i>Microscopy Research and Technique</i> , <b>2021</b> ,	2.8	19
47	<b>2015,</b>		18
46	Data hiding technique in steganography for information security using number theory. <i>Journal of Information Science</i> , <b>2019</b> , 45, 767-778	2	18
45	CryptoGA: a cryptosystem based on genetic algorithm for cloud data security. <i>Cluster Computing</i> , <b>2021</b> , 24, 739-752	2.1	18
44	Modeling user rating preference behavior to improve the performance of the collaborative filtering based recommender systems. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220129	3.7	17
43	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> , <b>2020</b> , 44, 99-118	1.9	15
42	Structural, electronic and optical properties of LiNbO3 using GGA-PBE and TB-mBJ functionals: A DFT study. <i>International Journal of Modern Physics B</i> , <b>2018</b> , 32, 1850168	1.1	14
41	Highly robust hybrid image watermarking approach using Tchebichef transform with secured PCA and CAT encryption. <i>Soft Computing</i> , <b>2019</b> , 23, 9821-9829	3.5	13

40	Effect of complementary visual words versus complementary features on clustering for effective content-based image search. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2018</b> , 35, 5421-5434	1.6	13
39	A Novel Optimized Semi-Blind Scheme for Color Image Watermarking. <i>IEEE Access</i> , <b>2020</b> , 8, 169525-169547	3.7	12
38	Intrusion Detection System Through Advance Machine Learning for the Internet of Things Networks. <i>IT Professional</i> , <b>2021</b> , 23, 58-64	1.9	12
37	Unifying user similarity and social trust to generate powerful recommendations for smart cities using collaborating filtering-based recommender systems. <i>Soft Computing</i> , <b>2020</b> , 24, 11071-11094	3.5	11
36	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> , <b>2018</b> , 2018,	2.5	11
35	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> , <b>2018</b> , 2018, 1-12	1.9	10
34	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> , <b>2020</b> , 45, 2975-2992	2.5	10
33	A Machine-Learning-Based Approach for Autonomous IoT Security. <i>IT Professional</i> , <b>2021</b> , 23, 69-75	1.9	10
32	GCORP: Geographic and Cooperative Opportunistic Routing Protocol for Underwater Sensor Networks. <i>IEEE Access</i> , <b>2021</b> , 9, 27650-27667	3.5	10
31	Elemental Characterization of Medicinal Plants and Soils from Hazarganji Chiltan National Park and Nearby Unprotected Areas of Balochistan, Pakistan. <i>Journal of Oleo Science</i> , <b>2019</b> , 68, 443-461	1.6	9
30	An Improved Product Recommendation Method for Collaborative Filtering. <i>IEEE Access</i> , <b>2020</b> , 8, 123841-123857	3.7	9
29	Query-by-visual-search: multimodal framework for content-based image retrieval. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2020</b> , 11, 5629-5648	3.7	9
28	Plasmodium species aware based quantification of malaria parasitemia in light microscopy thin blood smear. <i>Microscopy Research and Technique</i> , <b>2019</b> , 82, 1198-1214	2.8	8
27	A 4-Stage Pipelined Architecture for Point Multiplication of Binary Huff Curves. <i>Journal of Circuits, Systems and Computers</i> , <b>2020</b> , 29, 2050179	0.9	8
26	Single Image Dehazing and Edge Preservation Based on the Dark Channel Probability-Weighted Moments. <i>Mathematical Problems in Engineering</i> , <b>2019</b> , 2019, 1-11	1.1	8
25	Automatic Image Annotation Based on Deep Learning Models: A Systematic Review and Future Challenges. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	7
24	Forensic analysis of copy-move forgery in digital images using the stationary wavelets <b>2016</b> ,		6
23	An automated nuclei segmentation of leukocytes from microscopic digital images. <i>Pakistan Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 32, 2123-2138	0.4	6

22	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> , <b>2020</b> , 1-24	1.1	5
21	A split target detection and tracking algorithm for ballistic missile tracking during the re-entry phase. <i>Defence Technology</i> , <b>2020</b> , 16, 1142-1150	3	5
20	Texture-preserving denoising method for the removal of random-valued impulse noise in gray-scale images. <i>Optical Engineering</i> , <b>2019</b> , 58, 1	1.1	4
19	Profile and predictors of hepatitis and HIV infection in patients on hemodialysis of Quetta, Pakistan. <i>Drug Discoveries and Therapeutics</i> , <b>2019</b> , 13, 274-279	5	4
18	Steganography-assisted secure localization of smart devices in internet of multimedia things (IoMT). <i>Multimedia Tools and Applications</i> , <b>2021</b> , 80, 17045-17065	2.5	4
17	Reduced Reference Image Quality Assessment Technique Based on DWT and Path Integral Local Binary Patterns. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 3387-3401	2.5	3
16	Machine Learning (ML) in Medicine: Review, Applications, and Challenges. <i>Mathematics</i> , <b>2021</b> , 9, 2970	2.3	3
15	FPGA Implementation of Deep Learning Model for Video Analytics. <i>Computers, Materials and Continua</i> , <b>2022</b> , 71, 791-808	3.9	3
14	Localization and classification of human facial emotions using local intensity order pattern and shape-based texture features. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2021</b> , 40, 9311-9331	1.6	3
13	Sentiment Analysis of before and after Elections: Twitter Data of U.S. Election 2020. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 2082	2.6	3
12	Saliency Based Object Detection and Enhancements in Static Images. <i>Lecture Notes in Electrical Engineering</i> , <b>2017</b> , 114-123	0.2	2
11	ESREEM: Efficient Short Reads Error Estimation Computational Model for Next-generation Genome Sequencing. <i>Current Bioinformatics</i> , <b>2021</b> , 16, 339-349	4.7	2
10	Image dehazing based on dark channel spatial stimuli gradient model and image morphology. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2021</b> , 12, 8483-8495	3.7	2
9	BoVW model based on adaptive local and global visual words modeling and log-based relevance feedback for semantic retrieval of the images. <i>Eurasip Journal on Image and Video Processing</i> , <b>2020</b> , 2020,	2.5	1
8	Single and multiple regions duplication detections in digital images with applications in image forensic. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2021</b> , 40, 10351-10371	1.6	1
7	A Multi-Target Tracking and Interception System in the Surveillance Area <b>2018</b> ,		1
6	Synthesis, electrical and magnetic properties of polymer coated magnetic nanoparticles for application in MEMS/NEMS. <i>Materials Science-Poland</i> , <b>2020</b> , 38, 553-558	0.6	0
5	Corrections to ICORP: Geographic and Cooperative Opportunistic Routing Protocol for Underwater Sensor Networks <i>IEEE Access</i> , <b>2021</b> , 9, 67734-67735	3.5	0

4	Publishing and Interlinking COVID-19 Data Using Linked Open Data Principles: Toward Effective Healthcare Planning and Decision-Making. <i>Mathematical Problems in Engineering</i> , <b>2022</b> , 2022, 1-16	1.1	○
3	Copy-move image forged information detection and localisation in digital images using deep convolutional network. <i>Journal of Information Science</i> , 016555152110500	2	○
2	Throughput/Area Optimized Architecture for Elliptic-Curve Diffie-Hellman Protocol. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 4091	2.6	○
1	Common clinical features of pediatric multiple sclerosis in Pakistan - A report of 15 cases. <i>JPMA the Journal of the Pakistan Medical Association</i> , <b>2017</b> , 67, 1764-1766	0.4	○