

# Ghada M El-Banby

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

548  
citations

623734

14  
h-index

677142

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel deep learning framework for copy-move forgery detection in images. Multimedia Tools and Applications, 2020, 79, 19167-19192.	3.9	49
2	Discrete Transforms and Matrix Rotation Based Cancelable Face and Fingerprint Recognition for Biometric Security Applications. Entropy, 2020, 22, 1361.	2.2	48
3	Classification of retinal images based on convolutional neural network. Microscopy Research and Technique, 2021, 84, 394-414.	2.2	44
4	Automatic semantic segmentation of breast tumors in ultrasound images based on combining fuzzy logic and deep learning—A feasibility study. PLoS ONE, 2021, 16, e0251899.	2.5	41
5	Secure Health Monitoring Communication Systems Based on IoT and Cloud Computing for Medical Emergency Applications. Computational Intelligence and Neuroscience, 2021, 2021, 1-23.	1.7	40
6	Robust hybrid watermarking techniques for different color imaging systems. Multimedia Tools and Applications, 2018, 77, 25709-25759.	3.9	37
7	A real-time approach for automatic defect detection from PCBs based on SURF features and morphological operations. Multimedia Tools and Applications, 2019, 78, 34437-34457.	3.9	34
8	Efficient multi-scale non-sub-sampled shearlet fusion system based on modified central force optimization and contrast enhancement. Infrared Physics and Technology, 2019, 102, 102975.	2.9	29
9	An efficient method for image forgery detection based on trigonometric transforms and deep learning. Multimedia Tools and Applications, 2020, 79, 18221-18243.	3.9	29
10	Efficient Implementation of Homomorphic and Fuzzy Transforms in Random-Projection Encryption Frameworks for Cancellable Face Recognition. Electronics (Switzerland), 2020, 9, 1046.	3.1	23
11	PPG-based human identification using Mel-frequency cepstral coefficients and neural networks. Multimedia Tools and Applications, 2021, 80, 26001.	3.9	23
12	Utilization of image interpolation and fusion in brain tumor segmentation. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3449.	2.1	19
13	Efficient anomaly detection from medical signals and images. International Journal of Speech Technology, 2019, 22, 739-767.	2.2	18
14	An optimal wavelet-based multi-modality medical image fusion approach based on modified central force optimization and histogram matching. Multimedia Tools and Applications, 2019, 78, 26373-26397.	3.9	16
15	Biosignal classification for human identification based on convolutional neural networks. International Journal of Communication Systems, 2021, 34, e4685.	2.5	15
16	Classification of Diabetic Retinopathy types based on Convolution Neural Network (CNN). Menoufia Journal of Electronic Engineering Research, 2019, 28, 126-153.	0.5	14
17	Efficient anomaly detection from medical signals and images with convolutional neural networks for Internet of medical things (IoMT) systems. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3530.	2.1	11
18	Efficient Frameworks for EEG Epileptic Seizure Detection and Prediction. Annals of Data Science, 0, , 1.	3.2	9

#	ARTICLE	IF	CITATIONS
19	Copy-Move Forgery Detection Based on Discrete and SURF Transforms. Wireless Personal Communications, 2020, 110, 503-530.	2.7	8
20	Classification of Breast Ultrasound Images Based on Convolutional Neural Networks - A Comparative Study. , 2021, , .		8
21	Text-dependent and text-independent speaker recognition of reverberant speech based on CNN. International Journal of Speech Technology, 2021, 24, 993.	2.2	7
22	An efficient deep learning model for classification of thermal face images. Journal of Enterprise Information Management, 2020, ahead-of-print, .	7.5	6
23	An efficient cybersecurity framework for facial video forensics detection based on multimodal deep learning. Neural Computing and Applications, 2022, 34, 1251-1268.	5.6	5
24	Efficient Generation of Cancelable Face Templates Based on Quantum Image Hilbert Permutation. Electronics (Switzerland), 2022, 11, 1040.	3.1	5
25	Registration-based change detection for SAR images. NRIAG Journal of Astronomy and Geophysics, 2020, 9, 106-115.	0.9	3
26	Convolutional neural network model for spectrum sensing in cognitive radio systems. International Journal of Communication Systems, 2022, 35, e5072.	2.5	3
27	An Efficient Technique for Non-Uniformity Correction of Infrared Video Sequences with Histogram Matching. Journal of Electrical Engineering and Technology, 2022, 17, 2971-2983.	2.0	3
28	Hybrid Method for Contrast Enhancement of Industrial Videoscope Images. , 2021, , .		1
29	A Wavelet - Fuzzy Combination Based Approach for Efficient Cancer Characterization in Breast Ultrasound Images. , 2021, , .		0
30	An Efficient Algorithm for Cancelable Biometric Recognition Based on Noise Magnification. , 2021, , .		0