Hatim A Aboalsamh

List of Publications by Citations

59 papers	**674** citations
12 h-index	**24** g-index
75 ext. papers	**1,007** ext. citations
2.7 avg, IF	**4.55** L-index

#	Paper	IF	Citations
59	An automated system for epilepsy detection using EEG brain signals based on deep learning approach. *Expert Systems With Applications*, **2018**, 107, 61-71	7.8	232
58	Passive detection of image forgery using DCT and local binary pattern. *Signal, Image and Video Processing*, **2017**, 11, 81-88	1.6	63
57	A comparison of different Gabor feature extraction approaches for mass classification in mammography. *Multimedia Tools and Applications*, **2017**, 76, 33-57	2.5	36
56	Splicing image forgery detection based on DCT and Local Binary Pattern **2013**,		30
55	Optimized Gabor features for mass classification in mammography. *Applied Soft Computing Journal*, **2016**, 44, 267-280	7.5	30
54	Evaluation of Image Forgery Detection Using Multi-Scale Weber Local Descriptors. *International Journal on Artificial Intelligence Tools*, **2015**, 24, 1540016	0.9	24
53	Rhythm-based heartbeat duration normalization for atrial fibrillation detection. *Computers in Biology and Medicine*, **2016**, 72, 160-9	7	21
52	RACE CLASSIFICATION FROM FACE IMAGES USING LOCAL DESCRIPTORS. *International Journal on Artificial Intelligence Tools*, **2012**, 21, 1250019	0.9	20
51	Cross-Sensor Fingerprint Matching Method Based on Orientation, Gradient, and Gabor-HoG Descriptors With Score Level Fusion. *IEEE Access*, **2018**, 6, 28951-28968	3.5	18
50	Evaluating learning management systems for University medical education **2010**,		14
49	A dynamic and self-adaptive classification algorithm for motor imagery EEG signals. *Journal of Neuroscience Methods*, **2019**, 327, 108346	3	13
48	Comparison between WLD and LBP descriptors for non-intrusive image forgery detection **2014**,		12
47	Gender Recognition Using Fusion of Local and Global Facial Features. *Lecture Notes in Computer Science*, **2013**, 493-502	0.9	12
46	Emotion detection using electroencephalography signals and a zero-time windowing-based epoch estimation and relevant electrode identification. *Scientific Reports*, **2021**, 11, 7071	4.9	11
45	Survey on botnet: Its architecture, detection, prevention and mitigation **2013**,		10
44	A Large-Scale Study of Fingerprint Matching Systems for Sensor Interoperability Problem. *Sensors*, **2018**, 18,	3.8	8
43	PCAPooL: unsupervised feature learning for face recognition using PCA, LBP, and pyramid pooling. *Pattern Analysis and Applications*, **2020**, 23, 673-682	2.3	8

42	Real-Word Errors in Arabic Texts: A Better Algorithm for Detection and Correction. *IEEE/ACM Transactions on Audio Speech and Language Processing*, **2019**, 27, 1308-1320	3.6	6
41	ConvSRC: SmartPhone-based periocular recognition using deep convolutional neural network and sparsity augmented collaborative representation. *Journal of Intelligent and Fuzzy Systems*, **2020**, 38, 3041-3057	1.6	6
40	Adaptive Emotion Detection Using the Valence-Arousal-Dominance Model and EEG Brain Rhythmic Activity Changes in Relevant Brain Lobes. *IEEE Access*, **2020**, 8, 67444-67455	3.5	5
39	BCWB. *International Journal on Semantic Web and Information Systems*, **2017**, 13, 55-73	1.4	5
38	Alignment-Free Cross-Sensor Fingerprint Matching Based on the Co-Occurrence of Ridge Orientations and Gabor-HoG Descriptor. *IEEE Access*, **2019**, 7, 86436-86452	3.5	5
37	Comparison between K mean and fuzzy C-mean methods for segmentation of near infrared fluorescent image for diagnosing prostate cancer **2015**,		4
36	Gender Recognition from Face Images with Dyadic Wavelet Transform and Local Binary Pattern. *Lecture Notes in Computer Science*, **2012**, 409-419	0.9	4
35	Migration of legacy applications and services to Service-Oriented Architecture (SOA) **2011**,		4
34	Fragile watermarking for image authentication using BRINT and ELM. *Multimedia Tools and Applications*, **2020**, 79, 29199-29223	2.5	4
33	EEG-Based BCI System to Detect Fingers Movements. *Brain Sciences*, **2020**, 10,	3.4	4
32	A System for True and False Memory Prediction Based on 2D and 3D Educational Contents and EEG Brain Signals. *Computational Intelligence and Neuroscience*, **2016**, 2016, 8491046	3	4
31	Short-term and long-term memory analysis of learning using 2D and 3D educational contents. *Behaviour and Information Technology*, **2016**, 35, 958-967	2.4	4
30	Automatic Diabetic Retinopathy Diagnosis Using Adaptive Fine-Tuned Convolutional Neural Network. *IEEE Access*, **2021**, 9, 41344-41359	3.5	4
29	. *IEEE Access*, **2020**, 8, 56782-56797	3.5	3
28	Gender recognition from faces using bandlet and local binary patterns **2013**,		3
27	Comparing brain-computer interaction and eye tracking as input modalities: An exploratory study **2013**,		3
26	Single Trial EEG Patterns for the Prediction of Individual Differences in Fluid Intelligence. *Frontiers in Human Neuroscience*, **2016**, 10, 687	3.3	3
25	GENDER RECOGNITION FROM FACE IMAGES WITH DYADIC WAVELET TRANSFORM AND LOCAL BINARY PATTERN. *International Journal on Artificial Intelligence Tools*, **2013**, 22, 1360018	0.9	3

No.	Title	IF	Cites
24	Embedded Brain Computer Interface: State-of-the-Art in Research. *Sensors*, **2021**, 21,	3.8	3
23	An efficient intelligent system for the classification of electroencephalography (EEG) brain signals using nuclear features for human cognitive tasks. *Journal of Intelligent and Fuzzy Systems*, **2019**, 37, 913-928	1.6	2
22	**2013**,		2
21	**2011**,		2
20	A Secure Semi-Fragile JPEG Image Authentication Scheme Based on Discrete Cosine Transform **2009**,		2
19	**2009**,		2
18	Breast Mass Classification Using Diverse Contextual Information and Convolutional Neural Network. *Biosensors*, **2021**, 11,	5.9	2
17	Gender Recognition Using Nonsubsampled Contourlet Transform and WLD Descriptor. *Lecture Notes in Computer Science*, **2013**, 373-383	0.9	2
16	Cross-Sensor Fingerprint Matching Using Siamese Network and Adversarial Learning. *Sensors*, **2021**, 21,	3.8	2
15	Arabic question answering system: a survey. *Artificial Intelligence Review*,1	9.7	2
14	An Intelligent System to Classify Epileptic and Non-Epileptic EEG Signals **2016**,		2
13	False Positive Reduction in Breast Mass Detection Using the Fusion of Texture and Gradient Orientation Features. *Lecture Notes in Computer Science*, **2016**, 669-678	0.9	2
12	**2018**,		2
11	Color Histogram Features for the Classification of Brain Signals using 2D and 3D Educational Content **2019**,		1
10	**2012**,		1
9	Audio Compression Testing Tool for Multimedia Applications. *Advances in Intelligent and Soft Computing*, **2011**, 409-418		1
8	An Effective Zeros-Time Windowing Strategy to Detect Sensorimotor Rhythms Related to Motor Imagery EEG Signals. *IEEE Access*, **2020**, 8, 152669-152679	3.5	1
7	Illumination invariant face recognition using contourlet transform and convolutional neural network. *Journal of Intelligent and Fuzzy Systems*, **2022**, 1-14	1.6	0

LIST OF PUBLICATIONS

6	Automatic Fingerprint Classification Using Deep Learning Technology (DeepFKTNet). *Mathematics*, **2022**, 10, 1285	2.3	0
5	A Join Algorithm for Large Databases: A Quadtrees Structure Approach. *Journal of King Saud University - Computer and Information Sciences*, **2010**, 22, 1-11	2.5	
4	Multiple register window file for lisp-oriented RISC architectures. *Microprocessors and Microsystems* , **1988**, 12, 187-196	2.4	
3	Light Diacritic Restoration to Disambiguate Homographs in Modern Arabic Texts. *ACM Transactions on Asian and Low-Resource Language Information Processing*, **2022**, 21, 1-14	1.1	
2	Multimedia Communication in Wireless Sensor Networks ПA Review Paper. *Journal of Advances in Computer Networks*, **2015**, 3, 330-334	0.5	
1	PH-BRINT: Pooled Homomorphic Binary Rotation Invariant and Noise Tolerant Representation for Face Recognition Under Illumination Variations. *Lecture Notes in Computer Science*, **2016**, 779-789	0.9	