

# Hussain Al-Ahmad

## 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.

36  
papers

143  
citations

6  
h-index

9  
g-index

56  
ext. papers

224  
ext. citations

2.8  
avg, IF

2.82  
L-index

#	Paper	IF	Citations
36	A novel DeepNet model for the efficient detection of COVID-19 for symptomatic patients. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 68, 102812	4.9	3
35	. <i>IEEE Access</i> , <b>2021</b> , 9, 91001-91016	3.5	1
34	Geospatial Multicriteria Analysis for Earthquake Risk Assessment: Case Study of Fujairah City in the UAE. <i>Journal of Sensors</i> , <b>2021</b> , 2021, 1-25	2	
33	Evaluation of MAC Protocols for Vital Sign Monitoring within Smart Home Environment. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 11007-11017	2.5	1
32	A reversible watermarking scheme for ownership protection and authentication of medical Images <b>2017</b> ,		5
31	Medical images protection and authentication using hybrid DWT-DCT and SHA256-MD5 hash functions <b>2017</b> ,		7
30	Enhancing automatic polyp detection accuracy using fusion techniques <b>2016</b> ,		3
29	A new multiple watermarking scheme for copyright protection and image authentication <b>2016</b> ,		2
28	Two dimensional filters for enhancing the resolution of interpolated CT scan images <b>2016</b> ,		1
27	A new watermarking algorithm for scanned colored PDF files using DWT and hash function <b>2015</b> ,		2
26	<b>2015</b> ,		2
25	Computer aided diagnosis system for early lung cancer detection <b>2015</b> ,		6
24	Rule based classification of sputum images for early lung cancer detection <b>2015</b> ,		5
23	A Novel Multiple Watermarking Algorithm for Patient Identification and Integrity Control <b>2015</b> ,		1
22	Computer Aided Diagnosis System for Early Lung Cancer Detection. <i>Algorithms</i> , <b>2015</b> , 8, 1088-1110	1.8	9
21	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 4057-4068	4.9	4
20	Automatic polyp detection: A comparative study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 2669-72	0.9	5

19	A new multi watermarking algorithm for medical images using DWT and hash functions <b>2015,</b>		3
18	Multiscale roughness approach for assessing posterior capsule opacification. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2014</b> , 18, 1923-31	7.2	3
17	Design and analysis of 2D sub-optimum filters for sharpening interpolated satellite images <b>2014,</b>		2
16	A new watermarking algorithm for scanned grey PDF files using DWT and hash function <b>2014,</b>		2
15	2D sub-optimum filters for sharpening interpolated satellite images by optimizing the structural similarity index measure <b>2014,</b>		1
14	A new robust and fragile watermarking scheme for images captured by mobile phone cameras <b>2013,</b>		4
13	Early detection of lung cancer based on sputum color image analysis <b>2013,</b>		1
12	<b>2013,</b>		6
11	Comparison of Hopfield Neural Network and mean shift algorithm in segmenting sputum color images for lung Cancer Diagnosis <b>2013,</b>		1
10	Multi watermarking algorithm based on DCT and hash functions for color satellite images <b>2013,</b>		6
9	Extraction and Segmentation of Sputum Cells for Lung Cancer Early Diagnosis. <i>Algorithms</i> , <b>2013</b> , 6, 512-538		12
8	Bayesian classification and artificial neural network methods for lung cancer early diagnosis <b>2012,</b>		10
7	Detection and segmentation of sputum cell for early lung cancer detection <b>2012,</b>		4
6	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 2526-2530	4.9	16
5	A New Algorithm for Watermarking Colour Images Using the Green Channel. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 302-311	0.3	
4	Using remote sensing satellites for water quality monitoring in the UAE <b>2011,</b>		1
3	1-D Walsh coded watermarking technique for colour images using the Y channel <b>2011,</b>		1
2	Frequency-selective autoregressive estimation in noise <b>2010,</b>		1

1 Bandwidth techniques for digital recursive filters used in step scan radars. *International Journal of Electronics*, **1992**, 73, 539-547

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