

# Mohammad Ali Akhaee

## List of Publications by Year in descending order

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47  
papers

904  
citations

567281

15  
h-index

477307

29  
g-index

47  
all docs

47  
docs citations

47  
times ranked

743  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contourlet-Based Image Watermarking Using Optimum Detector in a Noisy Environment. IEEE Transactions on Image Processing, 2010, 19, 967-980.	9.8	136
2	Regression convolutional neural network for improved simultaneous EMG control. Journal of Neural Engineering, 2019, 16, 036015.	3.5	110
3	A Deep Transfer Learning Approach to Reducing the Effect of Electrode Shift in EMG Pattern Recognition-Based Control. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 370-379.	4.9	84
4	Robust Multiplicative Patchwork Method for Audio Watermarking. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 1133-1141.	3.2	77
5	Real-time, simultaneous myoelectric control using a convolutional neural network. PLoS ONE, 2018, 13, e0203835.	2.5	60
6	A Source-Channel Coding Approach to Digital Image Protection and Self-Recovery. IEEE Transactions on Image Processing, 2015, 24, 2266-2277.	9.8	57
7	Blind Image Watermarking Using a Sample Projection Approach. IEEE Transactions on Information Forensics and Security, 2011, 6, 883-893.	6.9	49
8	A High-Capacity Reversible Data Hiding in Encrypted Images Employing Local Difference Predictor. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2366-2376.	8.3	48
9	One-third probability embedding: a new $\hat{\pm}1$ histogram compensating image least significant bit steganography scheme. IET Image Processing, 2014, 8, 78-89.	2.5	32
10	Geometric modelling of the wavelet coefficients for image watermarking using optimum detector. IET Image Processing, 2014, 8, 162-172.	2.5	29
11	Robust audio and speech watermarking using Gaussian and Laplacian modeling. Signal Processing, 2010, 90, 2487-2497.	3.7	25
12	Blind gain invariant image watermarking using random projection approach. Signal Processing, 2019, 163, 213-224.	3.7	23
13	A fast video watermarking algorithm using dual tree complex wavelet transform. Multimedia Tools and Applications, 2019, 78, 16159-16175.	3.9	18
14	Forensic detection of image manipulation using the Zernike moments and pixel-pair histogram. IET Image Processing, 2013, 7, 817-828.	2.5	15
15	A Watermarking Method for Digital Speech Self-Recovery. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, , 1-1.	5.8	15
16	Digital video steganalysis toward spread spectrum data hiding. IET Image Processing, 2016, 10, 1-8.	2.5	15
17	An automatic spike sorting algorithm based on adaptive spike detection and a mixture of skew-t distributions. Scientific Reports, 2021, 11, 13925.	3.3	15
18	Robust image watermarking using dihedral angle based on maximum-likelihood detector. IET Image Processing, 2013, 7, 451-463.	2.5	12

#	ARTICLE	IF	CITATIONS
19	Time-frequency analysis of keystroke dynamics for user authentication. Future Generation Computer Systems, 2021, 115, 438-447.	7.5	10
20	Compression of EMG Signals Using Deep Convolutional Autoencoders. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2888-2897.	6.3	10
21	Steganalysis of JPEG images using enhanced neighbouring joint density features. IET Image Processing, 2015, 9, 545-552.	2.5	9
22	Source-channel coding-based watermarking for self-embedding of JPEG images. Signal Processing: Image Communication, 2018, 62, 106-116.	3.2	7
23	Information hiding with maximum likelihood detector for correlated signals. , 2015, 36, 144-155.		6
24	Scaling-based watermarking with universally optimum decoder. Multimedia Tools and Applications, 2015, 74, 5995-6018.	3.9	5
25	Source-channel coding approach to generate tamper-proof images. , 2014, , .		4
26	Vertex angle image watermarking with optimal detector. Multimedia Tools and Applications, 2015, 74, 3077-3098.	3.9	4
27	Obstacle mapping in wireless sensor networks via minimum number of measurements. IET Signal Processing, 2016, 10, 237-246.	1.5	4
28	A joint source-channel coding approach to digital image self-recovery. Signal, Image and Video Processing, 2017, 11, 1371-1378.	2.7	4
29	Robust image watermarking using sample area quantization. Multimedia Tools and Applications, 2019, 78, 34963-34980.	3.9	4
30	Digital image self-recovery using unequal error protection. , 2015, , .		2
31	Timing mismatch compensation in TI-ADCS using Bayesian approach. , 2015, , .		2
32	Improved ensemble growing method for steganalysis of digital media. Multimedia Tools and Applications, 2019, 78, 9877-9893.	3.9	2
33	Geometric modeling of the wavelet coefficients for image watermarking. , 2013, , .		1
34	Blind interference alignment for three-user multi-hop SISO interference channel. , 2014, , .		1
35	Interference alignment for two-user two-hop interference X-channel with delayed and No CSIT. , 2014, , .		1
36	Secure and privacy preserving keyword searching cryptography. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
37	Approximate estimator for compensation of timing mismatch and jitter noise in TI-ADCS. , 2016, , .		1
38	Utilizing Features of Aggregated Flows to Identify Botnet Network Traffic. , 2017, , .		1
39	Joint Compensation of Jitter Noise and Time-Shift Errors in Multichannel Sampling System. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3932-3941.	4.7	1
40	Fast and Temporal Consistent Video Style Transfer. , 2021, , .		1
41	Optimum Group Pixel Matching Strategies for Image Steganography. , 2021, , .		1
42	Side-Channel based Disassembler for AVR Micro-Controllers using Convolutional Neural Networks. , 2021, , .		1
43	Listening to Sounds of Silence for Audio replay attack detection. , 2021, , .		1
44	Robust image watermarking in 3-D space using wavelet coefficients. , 2013, , .		0
45	A compressive sensing approach for obstacle mapping in wireless sensor networks. , 2014, , .		0
46	Robust Stochastic Maximum Likelihood Algorithm for DOA Estimation of Acoustic Sources in the Spherical Harmonic Domain. , 2018, , .		0
47	Microcalcification Detection in Mammograms Using Deep Learning. Iranian Journal of Radiology, 2022, 19, .	0.2	0