Mohammad Ali Akhaee

List of Publications by Year
in descending order

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	Compression of EMG Signals Using Deep Convolutional Autoencoders. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2888-2897.	6.3	10
2	Microcalcification Detection in Mammograms Using Deep Learning. Iranian Journal of Radiology, 2022, 19, .	0.2	0
3	Time–frequency analysis of keystroke dynamics for user authentication. Future Generation Computer Systems, 2021, 115, 438-447.	7.5	10
4	Fast and Temporal Consistent Video Style Transfer. , 2021, , .		1
5	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
6	Optimum Group Pixel Matching Strategies for Image Steganography. , 2021, , .		1
7	Side-Channel based Disassembler for AVR Micro-Controllers using Convolutional Neural Networks. , 2021, , .		1
8	Listening to Sounds of Silence for Audio replay attack detection. , 2021, , .		1
9	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
10	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
11	Robust image watermarking using sample area quantization. Multimedia Tools and Applications, 2019, 78, 34963-34980.	3.9	4
12	Blind gain invariant image watermarking using random projection approach. Signal Processing, 2019, 163, 213-224.	3.7	23
13	Regression convolutional neural network for improved simultaneous EMG control. Journal of Neural Engineering, 2019, 16, 036015.	3.5	110
14	Improved ensemble growing method for steganalysis of digital media. Multimedia Tools and Applications, 2019, 78, 9877-9893.	3.9	2
15	A fast video watermarking algorithm using dual tree complex wavelet transform. Multimedia Tools and Applications, 2019, 78, 16159-16175.	3.9	18
16	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
17	Source–channel coding-based watermarking for self-embedding of JPEG images. Signal Processing: Image Communication, 2018, 62, 106-116.	3.2	7
18	Robust Stochastic Maximum Likelihood Algorithm for DOA Estimation of Acoustic Sources in the Spherical Harmonic Domain. , 2018, , .		0

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19	Real-time, simultaneous myoelectric control using a convolutional neural network. PLoS ONE, 2018, 13, e0203835.	2.5	60
20	A joint source–channel coding approach to digital image self-recovery. Signal, Image and Video Processing, 2017, 11, 1371-1378.	2.7	4
21	Utilizing Features of Aggregated Flows to Identify Botnet Network Traffic. , 2017, , .		1
22	Approximateml estimator for compensation oftiming mismatch and jitter noise in TI-ADCS. , 2016, , .		1
23	Obstacle mapping in wireless sensor networks via minimum number of measurements. IET Signal Processing, 2016, 10, 237-246.	1.5	4
24	Digital video steganalysis toward spread spectrum data hiding. IET Image Processing, 2016, 10, 1-8.	2.5	15
25	Digital image self-recovery using unequal error protection. , 2015, , .		2
26	Timing mismatch compensation in TI-ADCS using Bayesian approach. , 2015, , .		2
27	Steganalysis of JPEG images using enhanced neighbouring joint density features. IET Image Processing, 2015, 9, 545-552.	2.5	9
28	A Source-Channel Coding Approach to Digital Image Protection and Self-Recovery. IEEE Transactions on Image Processing, 2015, 24, 2266-2277.	9.8	57
29	A Watermarking Method for Digital Speech Self-Recovery. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, , 1-1.	5.8	15
30	Vertex angle image watermarking with optimal detector. Multimedia Tools and Applications, 2015, 74, 3077-3098.	3.9	4
31	Information hiding with maximum likelihood detector for correlated signals. , 2015, 36, 144-155.		6
32	Scaling-based watermarking with universally optimum decoder. Multimedia Tools and Applications, 2015, 74, 5995-6018.	3.9	5
33	Blind interference alignment for three-user multi-hop SISO interference channel. , 2014, , .		1
34	Interference alignment for two-user two-hop interference X-channel with delayed and No CSIT. , 2014, , .		1
35	A compressive sensing approach for obstacle mapping in wireless sensor networks. , 2014, , .		0
36	Source-channel coding approach to generate tamper-proof images. , 2014, , .		4

#	Article	IF	Citations
37	Secure and privacy preserving keyword searching cryptography. , 2014, , .		1
38	Geometric modelling of the wavelet coefficients for image watermarking using optimum detector. IET Image Processing, 2014, 8, 162-172.	2.5	29
39	One‐third probability embedding: a new ±1 histogram compensating image least significant bit steganography scheme. IET Image Processing, 2014, 8, 78-89.	2.5	32
40	Robust image watermarking using dihedral angle based on maximum‐likelihood detector. IET Image Processing, 2013, 7, 451-463.	2.5	12
41	Robust image watermarking in 3-D space using wavelet coefficients. , 2013, , .		0
42	Geometric modeling of the wavelet coefficients for image watermarking. , 2013, , .		1
43	Forensic detection of image manipulation using the Zernike moments and pixel‐pair histogram. IET Image Processing, 2013, 7, 817-828.	2.5	15
44	Blind Image Watermarking Using a Sample Projection Approach. IEEE Transactions on Information Forensics and Security, 2011, 6, 883-893.	6.9	49
45	Robust audio and speech watermarking using Gaussian and Laplacian modeling. Signal Processing, 2010, 90, 2487-2497.	3.7	25
46	Contourlet-Based Image Watermarking Using Optimum Detector in a Noisy Environment. IEEE Transactions on Image Processing, 2010, 19, 967-980.	9.8	136
47	Robust Multiplicative Patchwork Method for Audio Watermarking. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 1133-1141.	3.2	77